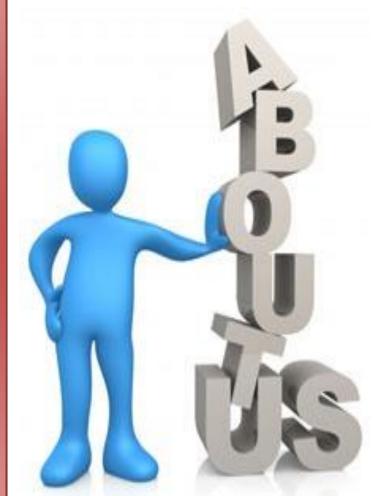
# COMPANY PROFILE





Resotech Consultancy Services Private Limited is a company incorporated in April 2008 having in its core a group of highly motivated and dedicated professionals having multifaceted expertise and commitment to provide quality based Consultancy Services in the fields of Engineering- Design & Advisory, Project Management, Contract Management etc.

## **MISSION**

"To create new benchmarks in delivery of Quality Services keeping in mind the precise requirements of the client"



### **VISION**

"To evolve into a globally preferred company in the field of Engineering Consultancy"

### **DIRECTORS**



The RESOTECH team is led by Mr. Rajnish Mishra, an alumnus of Indian Institute of Technology (IIT) Kharagpur, having done his B.Tech. (Hons.) in Civil Engineering in the year 1997. Mr. Mishra has extensive professional experience of about 20 years in the fields of National Highways and Power Transmission having worked in responsible positions in the National Highways Authority of India, Ministry of Road Transport and Highways (as an officer of the Central Engineering Services (Roads) Cadre, Government of India) and Power Grid Corporation of India Limited. His current areas of interest are Traffic, Highways, Road Safety Audits and Project Assessment.

























- ABG Cement Ltd.
- AECOM India Pvt. Ltd.
- Agroh Infrastructure Developers Pvt. Ltd
- Atlanta Ltd.
- B. R. Goyal Infrastructure Pvt. Ltd.
- Bharat Udyog Ltd.
- Consulting Engineers Group Ltd. (CEG)
- Haskoning DHV Consulting Pvt. Ltd.
- ESSAR Investments Ltd.
- Essel Infra Project Ltd.
- Galfar Engineering & Contracting SOAG
- Gayatri Projects Ltd.

























- IVRCL Ltd.
- J. Kumar Infraprojects Ltd.
- JMC Projects (India) Ltd.
- Larsen & Toubro
- MPPWD
- National Highway Authority of India
- NHDC Ltd.
- NKG Infrastructure Ltd.
- National Thermal Power Corporation
- Oriental Structures Engineers Pvt.

Limited

- Prakash Asphalting and Toll Highways
   Ltd. (PATH)
- Pratibha Industries Ltd.

























- Som Datt Builders Pvt. Ltd.
- SKM Consulting (India) Pvt. Ltd.
- Totem Infrastructure Ltd.
- Vayam Technologies Ltd.
- VIL Limited
- Central Bank of India
- GVK Power & Infrastructure
- IBI Consultancy India Pvt. Ltd.
- GMR Infrastructure Ltd.
- IDEB & Som Datt Builders Pvt. Ltd.
- Indian Technocrat Limited.
- Indus Multiventures Pvt. Ltd.

















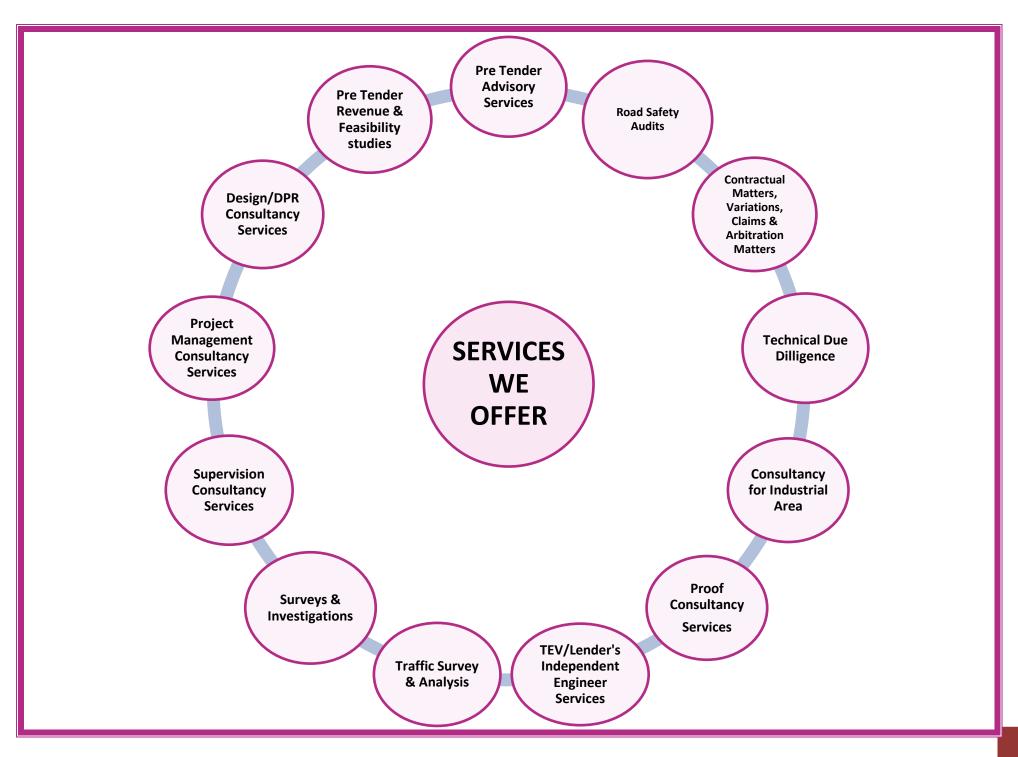




- Allahabad Bank
- Egis India Consulting Engineers Pvt. Ltd.
- Bank of Baroda
- C.S. Infraconstruction Limited
- IDBI Bank
- Dena Bank
- Indraprastha Corridor Advisory Services (P) Ltd.
- PNC Infratech Limited
- National Highways and Infrastructure Development Corporation Limited
- Dilip Buildcon Ltd.
- Highway Concessions

# **Empanelment List**

Sl. No.	Bank /Ministry	Description
1	Ministry of Road Transport & Highways	Empanelled safety consultants for "PPP Projects on DEFOT/HAM/EPC/OMT basis.
2	Ministry of Road Transport & Highways	<ol> <li>Category-I -B - Feasibility Study &amp; Detailed Project preparation for all type of highway projects consisting of all types of bridges/grade separators except bridges with innovative design such as cable stayed suspension bridges, etc.</li> <li>Category-V- Traffic &amp; Transportation Studies.</li> </ol>
3	Ministry of Road Transport & Highways	For Access permission to Fuel Stations, Private Properties, Rest Area Complexes and such other facilities along National Highways.
4	Allahabad Bank	Approved Lender's Independent Engineer
5	Bank of Baroda	Approved Panel Consultant for conducting TEV Study of Projects for Bank of Baroda, North Gujarat Zone
6	Punjab National Bank	Approved Lender's Independent Engineer
7	Export Import Bank of India	Approved Lender's Independent Engineer





- 1. Pre-Tender Advisory Services (Engineering and Traffic) for Highway Projects
- 2. Technical Due Diligence for Highway Projects
- 3. Design/DPR Consultancy Services for Highways & Structures
- 4. Road Safety Audits
- **5. Project Management Consultancy Services**
- **6. Supervision Consultancy Services**
- 7. Surveys & Investigations
- A) Field surveys:
  - Topographical Surveys
  - Hydrographic Surveys
  - Land Surveys

- **B) Traffic Surveys & Analysis** 
  - Traffic Volume Count
  - Origin Destination Surveys
  - Pedestrian & Parking Surveys
  - Turning Movement Surveys
  - Speed & Delay Surveys
  - Axle Load Surveys
  - Traffic Forecasting
  - Revenue Assessment and Risk Analysis
  - Benkelman Beam Deflection
- C) Pavement / Sub grade Evaluation
- **D) Soil Investigations**
- 8. Consultancy Services as Lender's Engineers for Techno Economic Evaluation of projects prior to lending & monitoring of Projects during Construction / Operations phase.
- 9. Contractual Matters, Variations, Claims & Arbitration Matters.

# **PROJECTS & ASSIGNMENTS**



#### **DETAILED ENGINEERING DESIGN/DPR**

Design Consultancy Services for Two laning of Paron Goras Road section of SH-23 (BOT Annuity Project of MPRDC)

(Client: - M/s Prakash Asphalting and Toll Highways Ltd.)

- Detailed Design of Highways for Four Laning of Deoria-Salempur road project section of SH-1 from km 145.000 to km 174.100 in the state of uttar Pradesh. (Client:-C.S.Infraconstruction Limited.)
- ▶ Detailed Design of Highways Rehabilitation & Upgradation of Two lane plus paved/hard shoulder road project from Km 24.800 of NH-75(Gwalior-Jhansi Section)to Km 19.000 up to Ghongha Village (Dabra-Singhpur road)via Bilua Village (Length 19000 km).

(Client: - M/s Prakash Asphalting and Toll Highways (India) Ltd.)

Detailed Design of Highways for Four laning of Gorakhapur—Deoria road project section of SH-1 from Km 98.975 to Km 144.000in the State of Uttar Pradesh.

(Client: - C.S. Infraconstruction Limited.)

Detailed Design of Highways for Four laning of Azamgarh–Mau road project section of SH-34 from Km 270.000 to Km 316. 506 in the State of Uttar Pradesh.

(Client: - C.S. Infraconstruction Limited.)

Detailed Design of Highways for Four laning of Gorakhapur-Maharajganj road project section of SH-81 from Km 1.600 to Km 33.951 in the State of Uttar Pradesh.

(Client: - C.S. Infraconstruction Limited.)

Design for Four Laning of Km 9.500 to Km 171.100 on Indore-Jhabua-Gujarat/Madhya Pradesh Border section of NH-59 in the State of Madhya Pradesh on DBFOT basis — Balance work.

(Client: - M/s IVRCL Indore Gujarat Tollways Ltd.)

Detailed Design for widening of existing Two Lane B.T. Road to Four Lane Rigid Pavement on Km 5.000 to Km 9.500 of Indore Ahmedabad Road section of NH-59.

(Client: - M/s B.R. Goyal Infrastructure Pvt. Ltd.)

Detailed Engineering Design for Widening and Reconstruction of Mhow to Simrol Road (Total Length=16.4 Km) Under ADB Fund in the State of Madhya Pradesh (Indore Division).

(Client: - M/s Ranjit Buildcon Ltd.)

Detailed Engineering Design for Development of Road Seoni-Malwa to BabariGhat (From Km 0.000 to Km 22.000) in the State of Madhya Pradesh.

(Client: - M/s B.R. Goyal Infrastructure Pvt. Ltd.)

Detailed Engineering Design for Strengthening of Chainpura-Chanranpura-Bhoura Road (From Km 0.000 to Km 9.447) in the State of Madhya Pradesh.

(Client: - M/s B.R. Goyal Infrastructure Pvt. Ltd.)

Detailed Engineering Design for Sanwer-Kshipra Road [Total Length=20 Km] in the State of Madhya Pradesh.

(Client: - M/s Rachana Infrastructure Ltd.)

Detailed Engineering Design for Kanwan-Mangod Road [Total Length=47.200 Km.] in the State of Madhya Pradesh.

(Client: - M/s Rachana Infrastructure Ltd.)

Design of Service Road for the project-Four/Six laning of Gujarat/Maharashtra Border SuratHazira Port Section of NH-6 in the State of Gujarat under NHDP Phase III on DBFO basis from Km 000 to Km 132.913 (Client: - M/s Soma Isolux Surat Hazira Tollways Pvt. Ltd.).

Consultancy Services for Design of Highways for OMT Project of Agra-Gwalior from Km 8.00 to Km 103.000 and Gwalior Bypass from Km 0.000 to Km 42.033 Section of NH-3 in the state of UP, Rajasthan and MP on OMT basis-Pkg.: OMT-22(NS).

(Client: - M/s Agra-Gwalior Pathways Pvt. Ltd.)

- Detailed Engineering Design for Four Laning of Rau-Pithampur Road in the State of Madhya Pradesh. (Client: M/s Rau Pithampur Infrastructure Pvt. Ltd.)
- Detailed Engineering Design for Khandwa City (Indira Chowk to Toll Plaza) Km 0 to Km 10 on Khandwa-Harda-Hoshangabad Road (SH-26).

(Client: - M/s B.R. Goyal Infrastructure Pvt. Ltd.)

Detailed Engineering Design for "Construction of 4 lane CC Road at Indore from Marimata Junction to Ujjain Road [section of SH-27] ROB on Indore Ujjain Road (Length -2.04 Km)".

(Client: - B.R. Goyal Infrastructure Pvt. Ltd.)

- ➤ Preparation of Detailed Design and Drawings for Highways and Structures for the project "Rehabilitation and Up-gradation of Roads under Promoting Public Private Partnership in Madhya Pradesh Sector Project [PPPMPSP] for Civil Contract Package No. 05:
  - (a) Badwani-Badhan-Ambapani-Sindhi-Khodar-Silawad Road and
  - (b) Dhavabawdi-Balkua-Lonsara-Borlay Road.

(Client: - M/s Ravi Infrabuild Projects Pvt. Ltd.)

Preparation of Design of 10No. Additional Lanes at Attibele Toll Plaza of Bangalore Elevated Tollway Road Project in the State of Karnataka.

(Client: - Bangalore Elevated Tollway Pvt. Ltd.).

- ▶ Preparation of Drawing and Design for Development of Emergency Landing Facilities on National Highways Construction of Emergency Landing Facility Km 1274+000 to Km 1277+600 section of Chilakaluripet Nellore of NH-16 in the State of Andhra Pradesh on Engineering , Procurement & Construction (EPC) Mode. (Client: KGK Engineers Pvt. Ltd.)
- Preparation of Design & Drawings of Structures for Up-gradation and Reconstruction of Major District Road in the State of Madhya Pradesh Under NDB II (Package-06):
  - Badi Multhan, Gogawan, Rupkheda Road Length 29.675 Km MP-MDR-49-09
  - Rodia, Multhan, Borawan, Sawada, Bither, Singun, Maltar, Madrania Road Length 63.82 Km MP-MDR-49-10
  - Khargone, Thikri Road Length 34.40 Km MP-MDR-49-13
  - Khargone, Kumaharkheda, Umarkhli, Dhulkot Road Length 26.080 Km.

(Client: - Ravi Infrabuild Projects Pvt. Ltd.)

Preparation of Detailed Design & Drawings for Rehabilitation & Up-gradation of existing intermediate lane flexible pavement to 2 lane with paved shoulders flexible pavement from Km. 119+650[end of Chandia ghat realignment] to Km. 163+850 [on Katni bypass of NH-30], length =44.200 Km. on Gulganj-Amanganj-Pawai-Katni Road NH-43 Extension in the State of MP on EPC Mode.

(Client: - M/s Ramraj Hi-Tech Buildcon)

Preparation of Design of Pre Cast Box Type Structure & Retaining wall for proposed under bridge at Eklingji Chavraha, Udaipur on NH-8.

(Client: - Ravi Infrabuild Projects Pvt. Ltd.)

➤ Preparation of Detailed Design of Slip Road & GAD of Box Culvert [at Ch.300+417] at Road project from Kadtal [Km 278+000] to Armur [Km 308+000] on NH-7 in the State of Telangana approved under COS.

(Client: - M/s Nirmal BOT Ltd.)

Preparation of Detailed Design of VUP Structures at Km. 159+850 [Gingee Junction] on Four Laning of Tindivanam (Km. 121+000] to Ulundurpet [Km. 192+250] section of NH-45 in the State of Tamil Nadu [work under COS].

(Client: - M/s Ulundurpet Expressways Pvt. Ltd.)

➤ Preparation of Tentative Drawings, Cost Estimate & Topographical Survey for Improvement Proposal for black spot at chainage 176+320 on four laning of Tindivanam (Km. 121+000) to Ulundurpet (Km. 192+250) of section NH-45 in the State of Tamil Nadu.

(Client: - M/s Ulundurpet Expressways Pvt. Ltd.)

Preparation of Detailed Design of the Structures at Km 133+650 [Kooteripattu] & Km 154+700 [Mundiyambakkam] on Four Laning of Tindivanam (Km 121+000] to Ulundurpet [Km 192+250] section of NH-45 in the State of Tamil Nadu.

(Client: - M/s Ulundurpet Expressways Pvt. Ltd.)

- Preparation of Detailed Design of super structure of bridge at Ch. 129+100 (on Lodhari River) of 4 laning of Dewas Bhopal section of SH-18 in the State of Madhya Pradesh.

  (Client: M/s Dewas Bhopal Corridor Pvt. Ltd.)
- ➤ Preparation of GAD, BOQ & Cost Estimate, Topographical survey & Assessment of options for location of Ramp including elevated structure for Four/ Six laning of Gujarat / Maharashtra Border Surat Hazira Port Section of NH-6 in the State of Gujarat under NHDP Phase III on DBFO basis from Km. 0.000 to Km. 132.913. (Client: M/s SURAT HAZIRA NH-6 TOLLWAY PRIVATE LIMITED)

Preparation of GAD, BOQ & Cost Estimate for Four/ Six laning of Gujarat / Maharashtra Border Surat Hazira Port Section of NH-6 in the State of Gujarat under NHDP Phase III on DBFO basis from Km. 0.000 to Km. 132.913 – Options for Ichhapore Ramp preparation of GAD & Cost Estimates.

[Client: - M/s SURAT HAZIRA NH-6 TOLLWAY PRIVATE LIMITED]

(Client: - M/s Agra-Gwalior Pathways Pvt. Ltd.)

➤ Detailed Design of Highways Rehabilitation & Upgradation of Two lane plus paved/hard shoulder road project from Km 24.800 of NH-75(Gwalior-Jhansi Section)to Km 19.000 up to Ghongha Village (Dabra-Singhpur road)via Bilua Village (Length 19000 km).

(Client: - M/s Prakash Asphalting and Toll Highways (India) Ltd.)

Design & Survey work of Major Bridge across Bagdi River on Kannod – Nemawar section of NH-59A in the State of Madhya Pradesh.

(Client: - M/s B.R. Goyal Infrastructure Pvt. Ltd.)

Consultancy Services for Preparation of Feasibility and Detailed Project Report [DPR] for proposal of reconstruction/widening/up gradation to Two/Four Lane of :- [1] Rau-Pithampur Road and [2] Road from Indore Airport to Pithampur, including Operation & Maintenance for 15 years, to be executed under BOT [Toll Model].

(Client: - M/s AECOM India Pvt. Ltd.)

Detailed Design Consultancy Services for Development of Mandla-Pindrai and Sleemnabad-Vilayatkalan Road (Package-II) on BOT (Annuity) basis.

(Client: - M/s VIL MPSV Tollways Pvt. Ltd.)

Detailed Design Consultancy Services for Manawar Singhana Kukshi for BOT Road Project in the State of Madhya Pradesh.

(Client: - M/s Agroh Infrastructure Developers Pvt. Ltd.)

➤ Detailed Design Consultancy Services for Two Lane / Intermediate Lane — Strengthening, Widening and Development of Bamkhalfata-Dogawavia Borawa-Savardevala (24.00 Km), Punasa-Mundi-Singhaji (Thermal Power Plant) & Singhaji Bridge approach road (17.00 Km) & Beed-Mundi-Devala-Khutala-Atoot NVDA (37.00 Km) under MPRDC in the State of MP on BOT (Annuity) Basis.

(Client: - M/s TOTEM Infrastructure Ltd.)

➤ Detailed Design Consultancy Services for Two lane / intermediate Lane — Strengthening, Widening and Development of Gunnor-Maheva (15.55 Km) & Chandla-Sarwai Gourihar-Matondh (42.95 Km) under MPRDC in the State of MP on BOT (Annuity) Basis.

(Client: - M/s TOTEM Infrastructure Ltd.)

Detailed Design for construction of minor bridges at Km 50+980 & Km 103+550 of Indore-Betul Road Section of NH-59A in the State of Madhya Pradesh.

(Client: - M/s B.R.Goyal Infrastructure Pvt. Ltd.)

Consultancy Services for preparation of Detailed Project Report for Widening to Four lane/Two lane with Paved Shoulders from Km 0 to Km 23 of NH-59A and for strengthening of Existing Two lane road from Km 93.000 to Km 123.000, Km 126.000 to Km 128.000, Km 182.000 to Km 191 and Km 215.000 to Km 231.000 of Indore Betul Road section of NH-59A.

(Client: - National Highways Authority of India (NHAI))

Consultancy Services for Preparation of Detailed Project Report for Providing Service / Link Road in the Four Lane section of NH-3 from Indore to Khalghat.

(Client: - National Highways Authority of India (NHAI))

- ➤ Preparation of DPR for Vidisha Bypass project in MP. (Client: M/s Haskoning DHV Consulting Pvt. Ltd.)
- Preparation of Project Report & Tender Documents for construction of 132Km road for Ganga Jal Project. (Client: -M/s Agra Jal Nigam)
- Pavement Design for Guna Ashoknagar Isagarh Road [76 Km.] (Client: M/s Aryavrat Tollways Pvt. Ltd.)

Design of Structures & Geotechnical Investigations for Minor Bridges for Guna Ashoknagar Isagarh Road [76 Km.]

(Client: - M/s Aryavrat Tollways Pvt. Ltd.)

- Preparation of DPR for Lonsara-Rehgun Road (Client: - MP PWD, BARWANI)
- ➤ Preparation of DPR for Vedpuri–Medimata Road (Client: MP PWD, BARWANI)
- Preparation of DPR for Junagheera-Morani Road (Client: - MP PWD, BARWANI)
- ➤ Preparation of DPR for Talwada-Bujurg Road (Client: MP PWD, BARWANI)

#### **SERVICES AS PROOF CONSULTANT**

➤ Proof Consultant for "Improvement and Widening to two lanes with paved shoulders of road from Km 63.700 to Km 75.700 (Total Length = 12.000) i.e. Bamanchara – Srirampur section of NH-208 (Pkg-IV) in the State of Tripura on EPC mode".

Client:-M/s Sahu Construction)

➤ Proof Consultant for "Improvement and Widening to two lanes with paved shoulders of road from Km 21.100 to Km 29.200 (Total Length = 8.100 Km) i.e. Kailashahar- Fultali section of NH-208 (Pkg-I) in the State of Tripura on EPC mode.

(Client:- M/s Sahu Construction)

➤ Proof Consultant for Preparation of Detailed Design for 4-Laning of Pangare to Waranga Phata section from Km 134.500 to Km 174.645 (Design Chainage) of NH-161 including Bypasses at Kalamnuri and Akhada Balapur and additional lengths of 800 m from Waranga Junction to Nanded (NH-161)(existing Chainage 244.360) and 700 m road from Waranga Junction (NH-161) to Mahagaon (NH-361) (existing Chainage 253.700) in the State of Maharashtra on EPC mode.

(Client:-:-M/s Rajendra Singh Bhamboo Infra Pvt. Ltd.)

➤ Proof Consultant for Preparation of Detailed Design for Widening/Improvement to 4 (four) Lane with Paved Shoulder from Ch.52.470km to Ch.71.500 km (DesignCh.48655km to Ch.67.556 km) of Tulungia-Jogighopa Bridge Approach Section (package-5) of Bilasipura-Guwahati road (NH-17) in the state of Assam under Bhartmala Pariyojna on EPC mode

(Client: M/s Rajendra Singh Bhamboo Infra Pvt.Ltd.)

➤ Proof Consultant for Rehabilitation and Up-gradation of road from Km 0.000 to Km 18.600 (Total Length=18.600Km) of Kumarghat — Kailashahar section of NH-208 to two lane with paved shoulder in the State of Tripura on EPC

(Client: M/s Satish Prasad)

➤ Proof Consultant for Improvement & widening to two lane with paved shoulders of Jolaihari Belonia from Km 0.000 to 21.412 section of NH-108A in the State of Tripura on EPC mode.

(Client: M/s M/s Satish Prasad)

➤ Proof Consultant for Rehabilitation and Up-gradation of road from Km 46.597 to Km 66.845 [Total length 20.248Km] of Kanchanpur-Vaghmun Section of NH-44A to two lane with paved shoulders in the State of Tripura on EPC basis (Package-III]

(Client: M/s Rajendra Singh Bhamboo Infra Pvt. Ltd.)

➤ Proof Consultant for Up-gradation to Two lane with paved shoulders / Four lane configuration [Package No. Nashik IV] — Nhavra — Inamgaon — Kashti — Shrigonda —Jalgaon — Jamkhed of SH-55 (New NH-548D) [Length=48.500].

(Client: M/s Rajendra Singh Bhamboo Infra Pvt. Ltd.)

➤ Proof Consultant for Rehabilitation and Up-gradation from 2 lane to 4 lane of NH Stretch under NHDP-IVB for Langanj — Hanumana Section of NH-7 (Pkg-3) on EPC Mode in the State of Uttar Pradesh & Design Chainage Km 96+800 to Km 140+200 under Bharatmala Pariyojna.

(Client: M/s Dilip Buildcon Ltd.)

➤ Proof Consultant for Rehabilitation and Upgradation of Anjad-Thikri section of NH-347-B from Km 0+000 to Km34+560 [Design Length-34+560] to Two lane with paved shoulder on EPC mode in the State of Madhya Pradesh.

(Client: M/s Kalthia Engineering & Construction Ltd.)

➤ Proof Consultant for Up-gradation of Package-I Bilaspur — Mungeli section, NH-130-A, Package-I from existing Ch. 07+750 to Ch.26+542 and From Ch.32+093 to Ch.44+186 [Design Ch. 0+000 to Ch. 18+700 and from Ch. 25+900 to Ch.38+000] to two lane with paved shoulder configuration in the State of Chhattisgarh on EPC mode.

(Client: M/s Anil Buildcon(India) Pvt. Ltd..)

- Proof Consultant for Rehabilitation and Up-gradation of existing intermediate lane flexible pavement to 2 lane with paved shoulders flexible Pavement of Rewa Sirmour section [Km 0.000 to Km 36.710 Length =36.710 Km] on NH-135B] on NH-135-B in the State of Madhya Pradesh on EPC mode. (Client: M/s Jainco Enterprises Pvt. Ltd.)
- Proof Consultant for Construction of Two-Lane Flexible Pavement with paved shoulder From Km. 3.650 to 58.325 on NH 709 Extn. (Rajgarh to Harayana Border) in the state of Rajasthan. (Client: M/s M/s Rajendra Singh Bhamboo Infra Pvt. Ltd.)
- ➤ Proof Consultant for Two lane flexible pavement to Two lane with paved shoulders Rigid Pavement on Shujalpur-Ashta Road from Km 41+800 to 82+300 & White Topping (inside Ashta city around which bypass has been proposed in Length of Km 3.84) on Shujalpur to Ashta section of Newly declared NH-752-C in the State of Madhya Pradesh on EPC Mode.

(Client: - M/s M/s Rajendra Singh Bhamboo Infra Pvt. Ltd.)

➤ Proof Consultant for Rehabilitation & Up-gradation of Intermediate lane flexible pavement to Two lane with paved shoulders Rigid Pavement of Biaora — Maksudangarh Road from Km 3.150 to 42.510 &White topping (inside Maksudangarh city around which bypass has been proposed in Length of 2.500 Km) section of Newly declared NH-752-B in the State of Madhya Pradesh.

(Client: - M/s M/s Rajendra Singh Bhamboo Infra Pvt. Ltd.)

Proof Consultant for "Rehabilitation and up-gradation of Doimukha-Harmuti road from Harmuti Junction (Km 0.000) to Khula Camp (Km 14.730) and Doimuka(Km 0.000) to Bagh Tinali (Km 3.100) two lane carriageway in the state of Assam and Arunachal Pradesh".

(Client: - M/s Nabam Tulllon LLP – ECI (JV) - NHIDCL)

- ➤ Proof Consultant for Rehabilitation and up-gradation of Pilibhit –Puranpur section Km 0.000 to Km 38.000 of NH-730 to two-lane with paved shoulder under EPC mode in the state of Uttar Pradesh. (Client: M/s J.P.S. Projects Pvt. Ltd.- UPPWD)
- ➤ Proof Consultant for Two Laning of Nagda —Dhar —Gujari Road Section of SH-31 in the State of Madhya Pradesh.

(Client: - M/s Prakash Asphaltings& Toll Highways (India) Ltd.-MPRDC)

- ➤ Proof Consultant for Rehabilitation Up gradation of Kannod-Satwas-Punasa section of SH-41 [Design length 77.32 Km] to two lane with hard shoulder in the State of Madhya Pradesh on EPC mode. (Client: M/s Kalyan Toll Infrastructure Ltd.)
- ➤ Proof Consultant for Construction of Two lane with Paved Shoulder of Neemuch-Manasa Road Section of SH-30 from Km 0.000 to Km 29.060 in state of Madhya Pradesh on EPC Mode. (Client: M/s Chetak Enterprises Ltd.)

Proof Consultant for 2-Laning from Bordumsa- Namchik (Buri-Dihing to Jairampur) Road of NH-52B (New NH-215) from Km 0.150 (Near Buri-Dihing Bridge) to Km 22.380 (Net Length 22.23 Km) in state of Arunachal Pradesh under SARDP-NE on EPC basis.

(Client: - M/s Bhartia Infra Projects Ltd. & BVEPL (JV))

➤ Proof Consultant for 2-Laning of Pasighat-Mariyang-Yingkiong Road from Singer River to Sijhon River 19.880 Km to 43.257 Km (Length 23.377 Km) of NH-513 in the State of Arunachal Pradesh Under SARDP-NE.

(Client: - M/s Bhartia Infra Projects Ltd. & BVEPL (JV))

- ➤ Proof Consultant for Rehabilitation and Up-gradation of Sendhwa-Khetia section of SH-36 from Existing Chainage Km 0/0 to Km 57/300 (Design length 57.165 Km) to two lane with paved/hard shoulder road in the state of Madhya Pradesh on Engineering Procurement and Construction (EPC) Mode. (Client: M/s Ravi Infrabuild Projects Pvt. Ltd.)
- Proof Consultant for Rehabilitation and Up-gradation of Sujalpur-Akodia-Sarangpur section of (SH-41) Existing Ch. Km 0+000 to Km. 38+600 to two lane with paved/hard shoulder road in the state of Madhya Pradesh on Engineering Procurement and Construction (EPC) Mode.

(Client: - M/s Ravi Infrabuild Projects Pvt. Ltd.).

➤ Proof Consultant for Widening of existing single lane carriageway to two lane with paved shoulder & strengthening from Km 0.000 to 50.675 of NH-730A in the State of Uttar Pradesh under NHDP phase IV on EPC Basis.

(Client: - M/s C.S. Infraconstruction Limited)

#### **TECHNICAL DUE DILIGENCE SERVICES**

➤ Technical Due Diligence (i) Four lane Shivpuri – Jhansi Section from Km. 1305+000 to Km. 1380+387 in the State of Madhya Pradesh and Uttar Pradesh. (ii) Four lane Agra Bypass (Design Chainage from Km. 0+000 to 32+800) connecting Km. 176+800 to NH-2 to Km. 13+030 of NH-3 in the State of Uttar Pradesh (TOT bundle 6).

(Client:-M/s Oriental Structural Engineers Pvt. Ltd.)

Technical Due Diligence on 4-lane section from Lebad to Jaora from km 0.000 to km 125.000 of SH-31 in the state of Madhya Pradesh on DBFOT (Toll) basis.

(Client:-M/s Oriental Structural Engineers Pvt. Ltd.)

- Technical Due Diligence for Preparation of Balance work BOQ for "Eight laning of Mukarba Chowk-Panipat road NH-1 (New NH-44) in length of 70.5 Km in Panipat on DBFOT basis.
  - (Client:-M/s Oriental Structural Engineers Pvt. Ltd.)
- ➤ Technical Due Diligence for Carrying out Detailed Inspection/Audit of Structures/Bridges of "Four Laning of Bhopal (Km 10+000) Dewas (Km 150+790) Road on BOT Basis in the state of Madhya Pradesh (140+790 Km Four Lane Road).

(Client:-M/s Dewas Bhopal Corridor Pvt. Ltd.)

Technical Due Diligence for Kadtal (km 278.000) Armur (Km 308.000) Road section of NH-7 in the State of Telangana

(Client:-M/s Nirmal BOT Ltd.)

Technical Due Diligence for Four Laning of Indore-Khalghat Section of NH-3 in the State of Madhya Pradesh [Total Length=78 Km.]

(Client:-M/s Oriental Structural Engineers Pvt. Ltd.)

Technical Due Diligence for Four Laning of Kondhali – Talegaon Section of NH-6 in the State of Maharashtra [Total Length=50 Km.]

(Client:-M/s Oriental Structural Engineers Pvt. Ltd.)

#### **SERVICES AS SAFETY CONSULTANT**

- ➤ Road Safety Consultancy Services for long term measures on identified Black Spots on NH-44 of Nagpur-Hyderabad section from km. 175.000 to Km474.000 (Pkg-III). (Client:- National Highways Authority of India)
- ➤ Road Safety Consultancy Services for long term measures on identified Black Spots on NH-44 of Nagpur-Hyderabad section from km. 175.000 to Km 474.000 (Pkg-II). (Client:- National Highways Authority of India)
- ➤ Road Safety Consultancy Services for Conducting Safety Audit for long terms measures on identified Black Spots on NH-65 of Hyderabad-Vijayawada section from km. 40.000 to Km. 221.500 (Pkg II). (Client:- National Highways Authority of India)
- ➤ Road Safety Consultancy Services for appointment of Road Safety Expert for carrying out Road Safety Audit & consultancy service for survey, investigation, tentative cost estimate for short and long term improvement and Suggestions for long term measured if any at identified Black spots on National Highways under the Jurisdiction of Regional Office-Jharkhand (4 Black Spot).

  (Client:- National Highways Authority of India)

- ➤ Road Safety Consultancy Services for Four Lanning Rewa-Katni-Jabalpur-Lakhnadon Section of NH-7 from Km 397.000 to km 546.425 (Package-IV & JL) in the state of Madhya Pradesh under NHDP Phase-IV on EPC mode: Preparation of detailed design & Drawing for rectification of 8 accident prone location on old NH-7 between Ch.423+200 to Ch.521+200-Reg (Client:- National Highways Authority of India)
- ➤ Road Safety Consultancy Services for Six Laning of Krishnagiri-Walajahpet section of NH-48 (Old NH-46) from Km.0/000 to Km.148/300 in the state of Tamilnadu under NHDP Phase V on BOT (Toll) basis under DBFOT pattern-Road Safety Experts/Auditors for Accident Black Treatment-Reg (6 Black Spot). (Client:- National Highways Authority of India)
- Road Safety Consultancy Services for Construction of two Lane of Pfutsero-Phek (Pkg III) section from Existing Km 40+090 to Km 65+300 (Design Km 40+000 to Km 62+558) in the state of Nagaland under SARDPNE Phase-A on EPC mode. (Client:-M/s Madhucon Projects Ltd.)
- ➤ Road Safety Consultancy Services for Consultancy Services for Construction of two Lane of Pfutsero-Phek (Pkg II) section from Existing Km 19+900 to Km 40+090 (Design Km 20+000 to Km 40+000) in the state of Nagaland under SARDPNE Phase-A on EPC mode. (Client:-M/s Madhucon Projects Ltd.)
- Road Safety Auditor for Four Laning of Bar-Bilara-Jodhpur Section of NH 112 from km 0.000 to km 111.000.
  (Client:-M/s Larsen & Toubro Limited)

- ➤ Road Safety Auditor for Rehabilitation and upgradation to two /four lane with paved shoulders from Helwak to Karad from existing km. 89/500 to km. 138/237 (S.H.-78)(design km. 85/000 to km.133/471) (length =48.417 Km.)of N.H.166 E in the state of Maharashtra on EPC mode. (Client:- M/s Larsen & Toubro Limited)
- ➤ Road Safety Auditor for Rehabilitation and Upgradation to four / six laning of Aurangabad (Km 290.200) to Karodi (320.104) section of NH-211 (New NH 52) in the state of Maharastra on EPC Mode. (Client:- M/s Larsen & Toubro Limited)
- ➤ Road Safety Auditor for Rehabilitation and Up-gradation of NH-78 (New NH-43) from Km 468.00 to Km 531.250 (Pathalgaon to Kunkuri section) to two lane with paved shoulder in the State of Chhattisgarh under NHDP-IV through Engineering, Procurement & Construction [EPC] Basis Contract. (Client: M/s Tirupati Build-Con Pvt. Ltd.)
- ➤ Road Safety Auditor for Four Laning of Chandigarh to Kharar section From Sector 39 (Round About) to Kharar (Design Chainage Km 10+185) of NH 21 & NH 95 in the state of Punjab on EPC Mode. (Client: M/s Larsen & Toubro Limited)

➤ Road Safety Auditor for Rehabilitation and Upgradation to Four laning of Baharagora to Singhara section (Km 199.200 to Km.310.806) of NH-6 (Length 111.606 Km) in the State of Odisha under NHDP Phase-IV, on EPC mode.

(Client: M/s Larsen & Toubro Limited)

➤ Road Safety Auditor for Rectification of Black Spot TN-49(01,02,03 & 04) by providing permanent Mitigation Measures in NH-44 in the State of Tamilnadu on EPC mode.

(Client: M/s KGK Engineers Pvt. Ltd.)

➤ Road Safety Auditor/Expert for Development of "Gorakhpur Link Expressway Project" (Package-II) from Fulwariya (Dist. Ambedkarnagar) to Salarpur (Dist. Azamgarh) (Km 47+500 to Km 90+535) in the State of Uttar Pradesh on EPC Basis.

KGK ENGINEERS (Client: M/s Dilip Buildcon Ltd.)

➤ Road Safety Auditors/Experts for preparation of Design Estimate etc. for carrying out long terms measures including cautionary measures and / or short terms measures for Roads accident black spots on National Highways under Package-2

(Client: Office of the Executive Engineer PWD NH Division, Indore, MP)

Road Safety Auditors/Experts for preparation of Design Estimate etc. for carrying out long terms measures including cautionary measures and / or short terms measures for Roads accident black spots on National Highways under Package-3.

(Client: Office of the Executive Engineer PWD NH Division, Sagar, MP)

➤ Safety Consultant for Construction of Eight Lane access-controlled Expressway from Rajasthan / MP border to Jodmi village of Mandsaur district (Ch. 452+420 to 484+420; Design Ch. 0+000 to Ch. 32+000), section of Delhi – Vadodara Greenfield Alignment (NH-148-N) under Bharatmala Pariyojana in the State of Madhya Pradeshon EPC Mode. (Pkg-17).

(Client: M/s MKC Infrastructure Ltd.)

Safety Consultant for Construction of Eight Lane access-controlled Expressway from Bani village to Bardawadi village of Mandsaur district (Ch. From Km. 517.420 to 546.920 design Ch. From Km. 65.000 to Km. 94.500), section of Delhi-Vadodara Greenfield Alignment (NH-148 N) on EPC Mode under Bharatmala Pariyojana in the State of Madhya Pradesh (Pkg-19).

(Client: M/s MKC Infrastructure Ltd.)

- Road Safety Auditor for conducting Safety Audit for long terms measures on identified Black Spots on NH-44 of Nagpur – Hyderabad section from Km 175.000 to Km 474.000" Pkg-III. (Client: National Highways Authority of India)
- Road Safety Auditor for conducting Safety Audit for long terms measures on identified Black Spots on NH-44 of Nagpur – Hyderabad section from Km 175.000 to Km 474.000" Pkg-II. (Client: National Highways Authority of India)
- ➤ Road Safety Auditor for Conducting Safety Audit for long term measures on identified Black Spots on NH-65 of Hyderabad Vijayawada section from Km40.000 to 221.500 [Pkg.II] in the State of Telangana. (Client: National Highways Authority of India)

- ➤ Safety Consultant for carrying out Safety Audit at Pre Completion Stage of the Project Highway Four Laning of Yadgiri-Warangal Section of NH-163 (New NH − 202) from KM 054+000 to KM 150+000 (Design length 99.103 Km) under NHDP Phase-IV to be executed under EPC mode in the state of Telangana. (Client: M/s Larsen & Toubro Limited)
- Safety Consultant for "Development of Bundelkhand Expressway (Package-VI) from Bakhariya (Dist. Auraiya) to Kudrail (Dist. Etawah) (Km 250+000 to Km 295+280) in the State of Uttar Pradesh on EPC Basis". (Client: M/s Dilip Buildcon Ltd.)
- Safety Consultant for "Construction of extra-dosed Major Bridge across Sharavathi Backwaters and approaches between Ambargodu and Kalasavalli near Sigandhur in Sagar Taluk on NH369E in the state of Karnataka including the section from km 30+800 to km 36+980 (approx. 6.180km (ie:2.125 Km of Bridge and 4.055 Km of road including approaches) on the section of National Highway No.369E on Engineering, Procurement, Construction ("EPC") basis "

  (Client: M/s Dilip Buildcon Ltd.)
- ➤ Road Safety Auditor/Expert to carry out third party Road Safety Audits for 7 numbers Black spots identified by National Highways Authority of India in the State of Madhya Pradesh.

  (Client: National Highways Authority of India)
- Safety Consultant for carrying out Safety Audit for Up-gradation of Sidhpur [Km 104+000] to Palanpur [Km 140+000] section of SH-41 from 4 lane to 6 lane divided carriageway configuration with 2m wide multipurpose path adjoining the paved shoulder on LHS and Landscaping at selected locations. (Client: M/s. Ranjit Buildcon Ltd.)

- Safety Consultant for carrying out Safety Audit for Up-gradation of Mehsana [Km 79+302] to Sidhpur [Km 104+000] section of SH-41 from 4 lane to 6 lane divided carriageway configuration with 2m wide multipurpose path adjoining the paved shoulder on LHS and Landscaping at selected locations. (Client: M/s. Ranjit Buildcon Ltd.)
- Safety Consultant for carrying out Safety Audit for Construction of 48m Bridge over Chuba Khola from Km 75+300 to Km 75+800 on NH-10 in the State of Sikkim on EPC Basis.

  (Client: M/s Mohan Bajaj)

Safety Consultant for carrying out Safety Audit for Rehabilitation & Up-gradation of kulpahar- Mahoba Section (km133.520 to 158.040) of NH-76 and NH-86 (5.360)in the state of Uttar Pradesh to two lane with

(Client: M/s Mahakaleshwar Infratech Pvt. Ltd.)

paved shoulder under EPC mode.

➤ Safety Consultant for carrying out Safety Audit for Construction of Amethi Bypass on NH-931 from Design Chainage 0+000 km (Existing km 30+050) to Design Chainage 6+346 (Existing km 35+650) in Amethi city in the state of Uttar Pradesh on EPC mode.

(Client: M/s Mahakaleshwar Infratech Pvt. Ltd.)

➤ Safety Consultant for carrying out Safety Audit at Pre Completion Stage of the Project Highway from Raipur – Bilaspur (from Ch. 48.580 to Ch. 91.260 - Total Length =42.680) in the State of Chhattisgarh. (Client: M/s Larsen & Toubro Limited)

- Safety Consultant for widening of the existing Two lanes to Two lanes with paved shoulder and Four lane with paved shoulder of NH-383 from Dindigul to Natham section on EPC mode.

  (Client: M/s S&P Infrastructure Developers Pvt. Ltd. ALR-SA [JV])
- Safety Consultant for carrying out Safety Audit at Pre Completion Stage on Rewa Katni-Jabalpur section [Pkg.-I] in the State of MP[Length =69.19 Km.]
  (Client: M/s Larsen & Toubro Limited)
- Safety Consultant for carrying out Safety Audit at Pre Completion Stage of the Project Highway on Katni-Jabalpur section [Pkg.-IV] in the State of MP[Length =68.26 Km.] (Client: M/s Larsen & Toubro Limited)
- Safety Consultant for carrying out Safety audit at Pre Completion stage of the Project Highway on Rewa Katni-Jabalpur section [Pkg.-II] in the State of MP[Length =69.07 Km.]

  (Client: M/s Larsen & Toubro Limited)
- Safety Consultant for carrying out Safety Audit at Pre Completion Stage on Jabalpur Lakhnadon Road Project [Pkg.-JL] in the State of MP[Length =80.82 Km.] (Client: M/s Larsen & Toubro Limited)
- Safety Consultant for carrying out Safety Audit at Pre Completion Stage of the Project Highway Two lane with Paved Shoulders on Bijapur –Gulbarga to Homnabad from Ch. 195.00 to Ch. 418.00 of New NH-50 (Old NH-218) in the State of Karnataka.

(Client: M/s Larsen & Toubro Limited)

➤ Safety Consultant for Rehabilitation and Up-gradation from 2 lane to 4 lane of NH Stretch under NHDP-IVB for Dagmagpur — Lalganj Section of NH-7 (Pkg-2) on EPC Mode in the State of Uttar Pradesh & Design Chainage Km. 49.100 to Km. 96.800.

(Client: M/s Dilip Buildcon Ltd.)

➤ Safety Consultant for Rehabilitation and Up-gradation from 2 lane to 4 lane of NH Stretch under NHDP-IVB for Langanj — Hanumana Section of NH-7 (Pkg-3) on EPC Mode in the State of Uttar Pradesh & Design Chainage Km 96+800 to Km 140+200 under Bharatmala Pariyojna.

- Safety Consultant for Construction of access controlled Nagpur Mumbai Super Communication expressway (Maharashtra Samruddhi Mahamarg) in the state of Maharashtra on EPC mode for package-14, from KM 623.379 to KM 636.479 (Section-village Taranganpada Pimpri Sadroddin to village Vashala BK) in district Nashik & Thane. The design length of the project is 13.1 km including a twin tube Tunnel section of 8.9 Km. (Client: M/s Afcons Infrastructure Limited)
- Safety Consultant for Construction of Access Controlled Nagpur Mumbai Super Communication Expressway [Maharashtra Samruddhi Mahamarg] in the State of Maharashtra on EPC mode for Package-5 [from Km 217+023 to Km 259+900] [Section Village Kinhiraja to Village Kenwad] in District Washim. (Client: M/s Sadbhav Engineering Ltd.)

Safety Consultant for Safety Audit of Four Laning of NH-709B from EPE Crossing (existing chainage 30.790, design chainage 0.000) to start of Shamli bypass (Existing Chainage 92.200, Design Chainage 61.409) on Engineering, Procurement & Construction (EPC) Mode Under Bharat mala Pariyojana Phase-I in the State of Uttar Pradesh

(Client: M/s Krishna Constructions Company)

Safety Consultant for Safety Audit of Construction of Grade Separated 4 Lane U Turn on NH-8 near Ambience Mall at Km 24.000 and Grade Separated 3 Lane U Turn near DLF Phase II at Km 26.120 in Gurugram in the State of Haryana on EPC Mode.

(Client: M/s Ram Kumar Contractor)

Safety Consultancy for Safety Audit of Rehabilitation & Up-gradation from Hiran River from Km 66.000 to Sindoor River Km. 130.000 of NH-12 (Pkg-II) [Design Length 64.000 Km] to four lane with paved shoulder under NHDP-III through EPC mode in the State of MP.

(Client: M/s Krishna Constructions Company)

Safety Consultant for Safety Audit of Four laning of delinked stretch of Seoni-MP/MH Border of NH-7 (length28.70 Km) from Km 624.480 to Km 653.225 under NHDP Phase-II on EPC Mode in the State of Madhya Pradesh

- Safety Consultant for Safety Audit of Structures of Six Laning of Panipat Jalandhar Section of NH-1 from Km 96.000 to Km 387.100 [Length 291.100Km] in the State of Haryana/Punjab to be executed as BOT (Toll) on DBFO Pattern under NHDP PhaseV (Client: M/s Panipat Jalandhar NH-1 Tollways Pvt. Ltd.)
- Safety Consultant for Safety Audit of Structures of Six Laning of Varanasi-Aurangabad section [Km 786.000 to Km 978.400] of NH-2 in the State of Uttar Pradesh and Bihar on DBFOT basis.

  (Client: M/s Soma Indus Varanasi Aurangabad Tollways Pvt. Ltd.)
- Safety Consultant for Safety Audit of Structures of Four Laning of 131.500 Km long Gujarat/Maharashtra Border Surat Hazira Port section of NH-6 (Client: M/s Surat Hazira NH6 Tollway Private Ltd.)
- ➤ Safety Consultant for Safety Audit of Structures of Six laning of the existing road from Km 364.125 to Km 58.245 [approximately 93.560 Km] on Kishangarh-Ajmer-Beawar section of NH-8 in the State of Rajasthan on BOT basis under NHDP phase-III.

(Client: M/s Kishangarh Beawar NH-8 Tollway Pvt. Ltd.)

- Safety Consultant for Rehabilitation & Up-gradation to four lane with paved shoulder of Chikhali-Takarkhed Bhagile section Existing Chainage Km 70.725 to Km 110.375 [Design Chainage Km 69.900 to Km 108.500] of Malkapur-Jalna Road, in the State of Maharashtra on EPC mode (Client: M/s Kalthia Engineering & Construction Ltd.)
- ➤ Safety Consultant for Rehabilitation and Upgradation of Anjad-Thikri section of NH-347-B from Km 0+000 to Km34+560 [Design Length-34+560] to Two lane with paved shoulder on EPC mode in the State of Madhya Pradesh.

(Client: M/s Kalthia Engineering & Construction Ltd.)

- ➤ Safety Consultant for Rehabilitation and Up-gradation of existing intermediate lane flexible pavement to 2 lane with paved shoulders flexible Pavement of Rewa Sirmour section [Km 0.000 to Km 36.710 Length =36.710 Km] on NH-135B] on NH-135-B in the State of Madhya Pradesh on EPC mode. (Client: M/s Jainco Enterprises Pvt. Ltd.)
- Safety Consultant for Additional Facilities for Four lane divided highway of Km 52.250 to Km 130.560 of NH-58 (Meerut Muzaffarnagar Section) in the State of UP on EPC mode.

(Client: M/s Krishna Constructions Company)

➤ Safety Consultant for Rehabilitation and Up-gradation of NH-78 from Km 373.505 to Km 469.300 (Ambikapur to Patthalgaon Section) in the State of Chhattisgarh to two lanes with paved shoulders under NHDP-IV on EPC basis.

(Client: M/s GVR Infra Projects Ltd.)

➤ Safety Consultant for Rehabilitation and Up-gradation of intermediate lane flexible pavement to 2 lane with paved shoulders rigid pavement from Km 5.500 to Km 22.190 on Khilchipur – Jirapur section of newly declared NH-752-B in the State of MP on EPC mode.

(Client:-M/s A.K.Shivhare Infrastructure Pvt. Ltd.)

➤ Safety Consultant for "Rehabilitation and Upgradation of Jabalpur – Hiran River Section of NH-12 From Existing Km 11+400 to Km 66+400 (Design Ch. 10+400 to Ch. 66+000) in the state of Madhya Pradesh to Four lanes with Paved Shoulders Under NHDP-III on EPC mode.

(Client: - M/s WAGAD INFRAPROJECTS PVT. LTD.)

Safety Consultant for "Two Laning with hard shoulder of Chouki-Chilhati-Korchatola upto MH Border Road Section from Km. 22.218 in the state of Chhattisgarh on EPC mode.

(Client: - M/s PSA CONSTRUCTION)

- ➤ Safety Consultant for "Two Laning with hard shoulder of Chichola-Chhuriya-Kallu Banjari upto MH Border Road Section from Existing Ch. Km. 0.000 to Km. 25.012 (Design Ch. Km. 0.000 to Km. 25.006) in the state of Chhattisgarh on EPC mode.
  - (Client: M/s PSA CONSTRUCTION)
- ➤ Safety Consultant for "Improvement/Augmentation of 2 laning with paved shoulders from Km 94.000 to Km 174.000 (Design Chainage from Km 94.000 to Km 174.000) of Karaikudi Ramanathapuram section of NH-210 including 500m on SH-35 Madurai Road (near Devakottai Rasta Railway Station) in the State of Tamil Nadu on EPC (Total Design Length = 80.000 Km) under NHDP Phase-III". (Client: M/s DRA-SP-VM(JV))
- ➤ Safety Consultant for "Rehabilitation and Upgradation of NH-4 from Nalagampalli to AP/Karnataka Border (from existing Km 171.590/Design Km 172.00 to existing Km 216.912/Design Km 219.687) (Design length=47.68 Km) to four lane under NHDP-IV in the State of Andhra Pradesh on EPC Mode". (Client: M/s Dilip Buildcon Ltd.)
- Safety Consultant for Construction of Service Road of Length 32 km for the Project of 6-laning of Indore-Dewas Section of NH-3 from Km 577.550 to Km 610.000 and Km 0.000 to Km 12.600 (Approx. length 45.05 Km) in the state of Madhya Pradesh under NHDP Phase-V to be executed on EPC Mode. (Client: M/s D R Agrawal Infracon Pvt. Ltd.)
- ➤ Safety Consultant for Rehabilitation & up-gradation of Wokha-Merapani Road from Km 48.000 to Km 60.585 in the State of Nagaland & Assam on EPC Mode. (Client: M/s C.S. Infraconstruction Ltd)

➤ Safety Consultant for Rehabilitation & up-gradation of Wokha-Merapani Road from Km 26.000 to Km 48.000 in the State of Nagaland on EPC Mode.

(Client: - M/s C.S. Infraconstruction Ltd.)

➤ Safety Consultant for Rehabilitation & up-gradation of Wokha-Merapani Road from Wokha Junction Km 0.000 to Km 26.000 in the State of Nagaland on EPC Mode.

(Client: - M/s C.S. Infraconstruction Ltd.)

➤ Safety Consultant for Construction and Maintenance of (i) 154m span steel superstructure Bridge at Km 145.09 over river Barak and (ii) 122m span steel superstructure Bridge at Km 189.800 over river Makru on Jiribam-Barak road on NH-53 in the State of Manipur on EPC basis.

(Client: - M/s Bhartia Infra Projects Ltd.)

Safety Consultant for "Rehabilitation & Up-gradation of Eepurpalem to Ongole Section from Km 195.000 to Km 254.500 of NH-214-A [New NH-216] to two lane with paved shoulder in the State of Andhra Pradesh under NHDP-IV on EPC Mode.

(Client: - M/s Dilip Buildcon Ltd.)

➤ Safety Consultant for Two laning of existing Hunli — Anini road on EPC basis from Design Km 53.500 to Km 92.500 [Existing Km 56.320 to Km 97.650] in the State of Arunachal Pradesh under SARDP-NE.

(Client: - M/s PCL – Eagle Infra India Ltd. [JV])

➤ Safety Consultant for Four laning with paved shoulders of NH-6 from Chichra to Kharagpur Km 185.150 to Km 134.400 including rehabilitation of existing four-lane Km 134.400 to Km 129.600 in the State of West Bengal under EPC Mode.

(Client: - M/s Dilip Buildcon Ltd.)

- Safety Consultant for Rehabilitation and upgradation of NH-18 (New NH-40) from Km 108/850 to Km 160/200 (Rayachoty to Kadapa section) to Two Lane with paved shoulders in the state of Andhra Pradesh Under Corridor Approach through Engineering. Procurement & Construction (EPC) Basis contract. (Client: M/s Dilip Buildcon Ltd.)
- ➤ Safety Consultant for Widening and Reconstruction of four laning of Lakhandon —Seoni Section from Km 551.600 to Km 553.100 Km 557.400 to Km 557.800 Km 558.930 to Km 562.450 and Km 563.760 to Km 567.550 (Left out stretches) of NH-7 in the state of Madhya Pradesh. (Client: -Udit Infra World Pvt. Ltd.)
- Safety Consultant for Development to four lanes of Ambala-Kaithal section of NH-65 from Km 0.000 (Ambala) to Km 50.860 (Pehowa) with paved shoulders (Length 50.860 Km) in the state of Haryana under NHDP Phase-III on EPC Basis (Package-I) (Client: M/s Dilip Buildcon Ltd.)
- ➤ Safety Consultant for Development to four lanes with paved side shoulders of Shahkot-Moga section of NH-71 [New NH No. 52] from existing Km 44.600 to Km 77.000 including construction of Dharamkot bypass in the state of Punjab under NHDP-IV through Engineering, Procurement & Construction (EPC) Contract Basis"

- Safety Consultant for Construction of Approaches in Ch. 522/615 to Ch. 530/850 for Bridge Across River Zuari on NH-17/NH-66 on Panjim Manglore Section in the State of Goa (Package-I) through an Engineering Procurement and Construction (EPC) Contract" (Client: M/s Dilip Buildcon Ltd.)
- Safety Consultant for Construction of Bridge Including Approaches Across River Zuari on NH-17/NH-66 on Panjim Mangalore Section in the State of Goa-(Package-II: Ch-530/850 to Ch-531/934) (through an Engineering, Procurement and Construction (EPC) Contract" (Client: M/s Dilip Buildcon Ltd.)
- Safety Consultant for Construction of Approaches in Ch. 531/934 to 536/250 for Bridge Across River Zuari on NH-17/NH-66 on Panjim Manglore Section in the State of Goa (Package-III)" through an Engineering Procurement and Construction (EPC) Contract" (Client: M/s Dilip Buildcon Ltd.)
- Safety Consultant for 4 Laning of Saragaon-Bilaspur Section of NH-200 (Pkg-III) from Km 91+026 to Km 126+525 Section of Raipur-Bilaspur in the State of Chhatisgarh under NHDP -IV Phase on EPC Basis. (Client: M/s Dilip Buildcon Ltd.)
- ➤ Safety Consultant for Rehabilitation and up-gradation of NH-221 (New NH-30) from Km 0.00 to Km 32.735 (Ibrahimpatnam Circle to Chandragudem Section) in the State of Andhra Pradesh to two Lane with paved shoulders under NHDP-IV Phase on EPC Basis.

- Safety Consultant for Reconstruction/ Widening/ Up-gradation to four lane of Rau-Pithampur Road in the State of Madhya Pradesh.
  - (Client: M/s Rau-Pithampur Infrastructure Pvt. Ltd.)
- Safety Consultant for Rehabilitation & up-gradation of Mandla to Chilpi section of NH-12A from existing Km 89.500 to Km 192.400 including construction of Mandla, Madhopur and Anjania bypass in the State of Madhya Pradesh to two lanes with paved shoulders on EPC mode under NHDP-IV" (Client: M/s Dilip Buildcon Ltd.)
- ➤ Safety Consultant for Development of Jabalpur—Patan-Shahpura Road section of SH-15 & SH-22 A to Two lane with paved shoulder/ hard shoulder from Km 0+000 to Km 38+842 in the state of M.P. on EPC mode. (Client: M/s Dilip Buildcon Ltd.)
- Safety Consultant for Construction of Intermediate/Two Lane with Paved/Hard Shoulder of (1)Badnagar-Sunderabad-Kharsokalan-Unhel (Length 51.309 Km) from Km 0+000 to Km 51+309, (2)Sunderabad-Runija-Khachrod & Runija-Satrunda Road (Length 43.792 Km) on EPC Mode in the state of Madhya Pradesh. (Client: M/s Dilip Buildcon Ltd.)
- Safety Consultant for Construction of Intermediate/Two Lane with paved/Hard Shoulder of (1) Mandla-Pindrai Road (Length 33.150 Km), (2) Salimanabad-Vilayatkala Road (Length 73.18 Km) on EPC Mode in the state of Madhya Pradesh.
  - (Client: M/s Dilip Buildcon Ltd.)

Safety Consultant for Rehabilitation and Up-gradation of Jabalpur-Mandla-Chilpi Section of NH-12A from existing Km 477/600 of NH-7 to 12/600 of NH-12A upto Km 22/800 on NH-12A in the state of Madhya Pradesh on EPC Mode under NHDP-IV.

(Client: - M/s Dilip Buildcon Ltd.)

- ➤ Safety Consultant for Rehabilitation and Up-gradation of Shahdol to MP CG Border Section of NH-78 from Km 142/2(End of Shahdol Bypass) to Km 245/000 (at MP CG Border) (Design Length 91.80 Km) to Two Lane with Paved Shoulders as Cement Concrete Pavement Road in the state of Madhya Pradesh on EPC Mode. (Client: M/s Dilip Buildcon Ltd.)
- Safety Consultant for Rehabilitation and Up-gradation of NH-167 from Km 70/000 to Km 125/150 (Adoni to Madhavaram via Mantralayam Section) to two lane with paved shoulders in the state of Andhra Pradesh under Engineering, Procurement and Construction (EPC) basis Contract.

  (Client: M/s Dilip Buildcon Ltd.)
- Safety Consultant for Development of Four-lanes with paved shoulders of End of Sangrur Bypass to Tapa section on NH-64 [New NH No. 7] from existing Km 116/170 to Km 138/030 and existing Km 142/950 to Km 168/000 in the state of Punjab on EPC mode under NHDP-IV.

(Client: - M/s Dilip Buildcon Ltd.).

Safety Consultant for Rehabilitation and Up-gradation of NH-12A from Km 246.849 to Km317.406 (Kawardha-Simga Section) in the State of Chhattisgarh to two lanes with paved shoulders under NHDP-IV on EPC Basis.

➤ Safety Consultant for Rehabilitation and Up-gradation from existing Km 2+8000 to Km 33+200 and Km 55+400 to Km 83+400 of NH-75E (Rewa-Sidhi Section) in the State of Madhya Pradesh to two lanes with paved shoulders on EPC mode.

(Client: - M/s Dilip Buildcon Ltd.)

➤ Safety Consultant for Rehabilitation and Up-gradation of Allahabad to UP/MP Border of NH-27 from Km. 4.285 to Km. 48.520 to four lanes with paved shoulders in the state of Madhya Pradesh on EPC Mode under NHDP-IV.

## **SERVICES AS TEV CONSULTANCY/LIE**

Lenders Independent Engineer for the Project "Four Laning of Kodinar Veraval section of NH-8E section from Km 221.610 (Desgin Ch. Km 222.400) to Km263.000 (Desgin Ch. Km 263.180) and from km 120.900 to km 121.150 of NH-8D Package-VI (approx. 41.745 km) in the state of Gujarat through Public Private Partnership on Hybrid Annuity Mode on behalf of NHAI".

(Client:- M/s Agroh Infrastructure Developers Pvt. Ltd.)

- Lenders Independent Engineer for the Project "Amaravati –Chikhli section of NH-6 from Km.220.000 (Near Kurankhed) to km.270.00 (Near Shelad) in the state of Maharashtra".
  - (Client:- M/s Rajpath Infracon NH-6,Pkg-II Pvt. Ltd.)
- Lenders Independent Engineer for the Project"Four laning of NH-363 from Repallewada (Design Km.42000/Existing km.288.510) to Telangana/Maharashtra Border (Design km.94.602 Existing km.342.000)(Design Length=52.602km) in the state of Telangana on Hybrid Annuity Mode-Status of condition Precedent and Signing of joint memorandum for declaration of appointment date-Reg".

- Lenders Independent Engineer for the Project "Four laning of Haridwar Nagina Section of NH74 from Km 0.000 to Km 73.000 in the State of Uttarakhand and Uttar Pradesh under NHDP IV on EPC Mode" (Client:-M/s Infrastructures Advisor Pvt. Ltd.)
- Lenders Independent Engineer for the Project "Construction of 4 lane (Partial Access Controlled) Laddowal Bypass from Km 0.000 to Km 17.041 linking NH-95 with NH-1 via Laddowal seed farm at Ludhiana in the State of Punjab on Hybrid Annuity Mode"

(Client: - IIFCL / Eagle Infra Pvt. Ltd.)

Lenders Independent Engineer for the Project "Operation and Maintenance of Borkhedi-Jam-Wadner Section (Km 36.60 to km 93.75) Stretch of NH-7 in the State of Maharashtra on OMT Basis".

(Client: - IDBI Bank Ltd.)

Lenders Independent Engineer for the Project "Two Laning of Betul Sarni Road executed by DBL Betul Sarni Tollways Limited".

(Client: - Bank of Baroda/ Dilip Buildcon Ltd.)

- Lenders Independent Engineer for Hotel Project of M/s Vijan Hotels Pvt. Ltd., Jabalpur(M.P). (Client: Allahabad Bank, Jabalpur)
- Lenders Independent Engineer for "New Bottling Plant of IMFL & country Liquor developed by Gwalior Distilleries Limited, Bhind (M.P)".

(Client: - Allahabad Bank, Gwalior)

Lenders Independent Engineer for the Project "Four Laning of Rohtak Jind Section of NH-71 in the State of Haryana"

(Client: -CENTRAL BANK OF INDIA/VIL Rohtak Jind Highway Pvt. Ltd.)

TEV Report for "Four Laning of Tarsod - Fagne Section of NH-6 from Km 422.700 to Km 510.000 in the state of Maharashtra Package-IIB to be executed on Hybrid Annuity Mode".

(Client: - M/s Agroh Infrastructure Developers Pvt. Ltd.)

Traffic & TEV Report for "Four Laning of Nagpur-Wainganga Bridge section of NH-6 in the state of Maharashtra"

(Client: -JMC Projects (India) Ltd: - SPV: Wainganga Expressway Pvt. Ltd.)

Traffic & TEV Report for "Four Laning of Rewa to MP-UP Border Section of NH-7 in the State of MP on BOT"

(Client: -JMC Projects (India) Ltd: - SPV: Vindhyachal Expressway Pvt. Ltd.)

TEV Report for UP-gradation to 4 Lanes of Rau-Pithampur Road in the State of Madhya Pradesh under BOT (Toll) Model

(Client: -M/s Rau Pithampur Infrastructure Pvt. Ltd.)

- TEV Report for 2 Lane / Intermediate Lane Strengthening, Widening and Development of Bamkhalfata-Dogawa (24.00 Km), Punasa-Mundi-Singhaji (Thermal Power Plant) & Singhaji Bridge approach road (17.00 Km) & Mundi-Atoot NVDA (37.00 Km) under MPRDC in the State of MP on BOT (Annuity) Basis. (Client: -Totem Infrastructure Ltd:- SPV: Totem Khandwa Highways Pvt. Ltd.)
- ➤ TEV Report for 2 Lane / Intermediate Lane Strengthening, Widening and Development of Gunnor-Maheva (15.55 Km) & Chandla-Matondh (42.95 Km) under MPRDC in the State of MP on BOT (Annuity) Basis.

(Client: - Totem Infrastructure Ltd:- SPV: Totem Chattarpur Highways Pvt. Ltd.)

# SUPERVISION CONSULTANCY / PROJECT MANAGEMENT CONSULTANCY SERVICES

Consultancy Services for Technical Supervision for the Work of Construction of New Two Lane ROW Work (Railway Portion only) Parallel to existing ROB at Level Crossing No. 242 at Km. 488/7-8 of Ratlam-Khandwa Section Banganga, Indore [MP].

(Client: - M/s IRCON Infrastructure Services Ltd.)

- Project Management Consultancy Services for "Execution of the work Kantaphod-Nachalbhor road from Km 30.000 to Km 60.380"- MPRDC Project (Client: M/s B.R.Goyal Infrastructure Pvt. Ltd.)
- Providing Project Management Consultancy (PMC) Services for upgrading of NH-59A from Km 42+000 to Km 77+000 & Km 124+000 to Km 126+000. (Client: M/s B.R.Goyal Infrastructure Pvt. Ltd.)
- Providing Project Management Consultancy (PMC) Services for Supervision Consultancy Project for Ahmadabad Vadodara Expressway & Ahmadabad Vadodara Section of NH-8. (Client: M/s Haskoning DHV Consulting Pvt. Ltd.)
- Providing Supervision Consultancy for the construction of Major Bridge across Gambhir River near Depalpur.

(Client: - M/s Indus Multiventures Pvt. Ltd.)

### PRE-BID ADVISORY SERVICES

#### (ENGINEERING & TRAFFIC ANALYSIS)

- ➤ Pre Bid Engineering services for Development of Six Lane of Abhanpur Magerlod section of NH-130-CD from Km Km 0.000 to Km 42.852 under Raipur Visakhapatnam Economic Corridor in Chhattisgarh (PKG CG-1) on HAM. [Total length of Project-42.852 Km] (Client: Oriental Structural Engineers Pvt. Ltd.)
- ▶ Pre Bid Engineering services for Construction of Four Lane Champa Korba Katghora section of NH-149B from design ch. 0+000 to ch. 38+200, (From NH- 49 near Saragaon village to Bhaisma village) under NH (O) in the State of Chhattisgarh on Hybrid Annuity Mode. (Client: Oriental Structural Engineers Pvt. Ltd.).
- Pre Bid Engineering services for Four laning of NH-965G from Km 41.369 (Baramati) to Km 83.500 (Indapur), Design Length 42.131 Km and One time improvement of selected stretches (Package-II) in the State of Maharashtra on EPC mode under Bharatmala Pariyojna.

(Client: - M/s Rajendra Singh Bhamboo Infra Pvt. Ltd.)

- Pre Bid Engineering services for Up-gradation to Four lane configuration with Palkhi Marg of the highway starting from Junction with NH-65 near Patas Vasunde Phata Baramati (NH-965G) and Partly Baramati Bypass in the State of Maharashtra under Bharatmala Pariyojana on EPC Mode. (Client: M/s Rajendra Singh Bhamboo Infra Pvt. Ltd.)
- ➤ Pre Bid Engineering services for 4-Laning of Balwara to Dhangaon section of NH-347BG &753L (Indore to Boregaon-Pkg-III) Design Ch. 42.260 to Design Ch. 82.810 (Length 40.550 Km) under Bharatmala Pariyojana Phase-I in the State of Madhya Pradesh. (Client: M/s Rajendra Singh Bhamboo Infra Pvt. Ltd.)
- Pre Bid Engineering services for:
  - -4 Laning from km 0.000 to km 26.400 (along with 0.700km approach towards NH 207 with interchange on NH4 at start point) of Bangalore to Malur Section of Bangalore Chennai Expressway on Hybrid Annuity Mode under Bharatmala Pariyojna, in the state of Karnataka (Phase-I Package-I)
  - -4 Lane Expressway from km 26.400 to km 53.500 of Malur to Bangarpet Section of Bangalore Chennai Expressway on Hybrid Annuity Mode under Bharatmala Pariyojna in the state of Karnataka (Phase-I Package-II).

(Client: - Oriental Structural Engineers Pvt. Ltd.)

➤ Pre Bid Engineering services for Pre Bid Engineering services for Construction of Four lane Bangalore Chennai Expressway from Ch. 230.000 to Ch. 261.705 (Kanchepuram to Sriperumbudur Section in the State of Tamil Nadu) under Bharatmala on Hybrid Annuity Mode (Phase III-Package IV) [Total Length=31.705 Km].

- Pre Bid Engineering services for below mentioned road projects:
  - (A) Construction of 8 lane access controlled expressway starting after the end of Bridge over Hadaf River near Hathiyavan village with SH-152 near Matariya Vadi in Panchmahal (Ch. 729.700 to Ch.756.052) of Delhi Vadodara GA on EPC Mode under BMP in Gujarat.
  - (B) Construction of 8 lane access controlled expressway starting from junction with SH-152 near Matariya Vadi and near Bhamaiya village in Panchmahal district (Ch.756.052 to Ch.781.282) section of Delhi Vadodara GA on EPC Mode under BMP In Gujarat.

(Client: M/s Ravi Infrabuild Projects Pvt. Ltd.)

- ➤ Pre Bid Engineering services for Pre Bid & Post Bid Engineering services for (A)4-Laning of Pangare to Waranga Phata section from Km 134.500 to Km 174.645 (Design Chainage) of NH-161 including Bypasses at Kalamnuri and Akhada Balapur and additional lengths of 800 mtr from Waranga Jn to Nanded (NH-161) (existing Chainage 244.360) and 700 mtr road from Waranga Jn (NH-161) to Mahagaon (NH-361) (existing Chainage 253.700) in the State of Maharashtra on EPC mode. (Client: Rajendra Singh Bhamboo Infra Pvt. Ltd.)
- ➤ Pre Bid Engineering services for Construction of Four lane Bangalore Chennai Expressway from Km 180.000 to Km 204.500 (Walajahpet to Arakkonam Section in the State of Tamil Nadu) under Bharatmala on Hybrid Annuity Mode (Phase III-Package II). [Total Length=24.50 Km].

(Client: - Oriental Structural Engineers Pvt. Ltd.)

➤ Pre Bid Engineering services for Construction of 4-lane Bangalore-Chennai Expressway from Km 156.000 to Km 180.000 (Gudipala to Walajahpet Section in the State of Andhra Pradesh and Tamil Nadu under Bharatmala on Hybrid Annuity Mode (Phase-III/Package-I) — Length 24 km.

Pre Bid Engineering services for Construction of Four lane Bangalore Chennai Expressway from Ch. 204.500 to Ch. 230.000 (Arakkonam to Kanchepuram Section in the State of Tamil Nadu) under Bharatmala on HAM (Phase III-Package III). Length 25.50 km

(Client: - Oriental Structural Engineers Pvt. Ltd.)

▶ Pre Bid Engineering Services for Four Laning of Dhangaon Boregaon section of NH-347BG and 753L Indore to Boregaon Pkg-IV Design Ch. 81.000 to 139.000 Length 58.000 Km under BMP Ph-I in the State of Madhya Pradesh.

(Client: - Oriental Structural Engineers Pvt. Ltd.)

- Pre Bid Engineering Services for Four laning of Rajauli Bakhtiyarpur section of NH-31(New NH-20) from Km 101+630 to Km 152+520 [Pkg.-III] on Hybrid Annuity mode in the State of Bihar. (Client: Oriental Structural Engineers Pvt. Ltd.)
- Pre Bid Engineering Services for Four laning of Rajauli Bakhtiyarpur section of NH-31(New NH-20) from Km 54.405 to Km 101.630 [Package-II] on Hybrid Annuity mode in the State of Bihar. (Client: Oriental Structural Engineers Pvt. Ltd.)
- ➤ Pre Bid Engineering for Construction of 2 laning with hard shoulder configuration of Chhumkhum to Tlabung from Design Chainage Km 40.000 to Km55.000 (Package-B1) of NH-302 in the State of Mizoram under "Bharatmala Pariyojana" on EPC Mode.

(Client: - Ravi Infrabuild Projects Pvt. Ltd.)

➤ Pre Bid Engineering for Rehabilitation and Up-gradation to 2 lane with paved shoulders of Kwalkulh-Khawzawl section (International Corridor) of NH-6 from Existing Chainage Km 80.080 to Km 115.000 (Design Chainage Km 72.820 to Km 104.460) [Pkg-I] in the State of Mizoram under Bharatmala Pariyojna on EPC mode.

(Client: - Ravi Infrabuild Projects Pvt. Ltd.)

➤ Pre Bid Engineering for Rehabilitation and Up-gradation to 2 lane with paved shoulders of Keifang – Rulchawm section (Economic Corridor) of NH-6 from existing Km 30+050 (Keifang) to Km 50+360 (Rulchawm) (Design Km 27+400 to Km 45+040) (Pack-III) in the State of Mizoram under Bharatmala Pariyojna on EPC Mode.

(Client: - M/s Sachin Infra)

- Pre Bid Engineering services for:
  - Balance work for Four Laning of Amravati Chikhli section of NH-6 [Package-I from km 166.000 (Amravati) to km 220.000 (Near Kurankhed)] in the state of Maharashtra to be executed on Hybrid Annuity mode under Bharatmala Pariyojna.
  - Balance works for Four Laning of Amravati-Chikhli section of NH-6 [Package-II from km 220.000 ((Near Kurankhed) to km 270.000 (Near Shelad)] in the state of Maharashtra to be executed on Hybrid Annuity mode under Bharatmala Pariyojna.

➤ Pre Bid Engineering Services for 4/6 Laning from Km0.00 to Km 42.00 of Dobaspet to Dodaballapur Bypass section of NH-648 (Old NH-207) on Hybrid Annuity Mode under Bharatmala Pariyojna in Karnataka (Package-I) & 6 laning from Km 42.000 to Km. 80.000 of Dodaballapur Bypass to Hoskote section of NH-648 (Old NH-207) on Hybrid Annuity Mode under Bharatmala Pariyojna in Karnataka (Package-II)

(Client: - M/s Oriental Structural Engineers Pvt. Ltd.)

➤ Pre Bid Engineering Services for Construction of Eight lane access controlled Expressway from Jadmi village to Bani village of Mandsaur District [Ch. 484+420 to Ch. 517+420] [Design Ch. 32+000 to Ch. 65+000] section of Delhi – Vadodara Greenfield Alignment [NH-148-N] on EPC mode under Bharatmala Pariyojana in the State of M.P.

(Client: - M/s Reliance Infrastructure Ltd.)

➤ Pre Bid Engineering Services for Construction of Eight lane access controlled Expressway from Kamliya village to Kandarwasa village of Ratlam District [Ch. 572+220 to Ch. 602+420] [Design Ch. 119+800 to Ch. 150+000] section of Delhi — Vadodara Greenfield Alignment [NH-148-N] on EPC mode under Bharatmala Pariyojana in the State of M.P.

(Client: - M/s Reliance Infrastructure Ltd.)

➤ Pre Bid Engineering for Rehabilitation and Up-gradation from 2 lane to 4 lane of NH Stretch under NHDP-IVB for Unnao — Lalganj Section of NH-232-A on Hybrid Annuity Mode in the State of Uttar Pradesh & Design Chainage Km 0.000 to Ch. 70.000.

➤ Pre Bid Engineering Services for Six Laning of Kagal —Satara Section of NH-48(old NH-4) from Km 592.240 to Km 725.00 [Pkg. 1,2 & 3] in the State of Maharashtra under NHDP Phase V to be executed on Hybrid Annuity Mode.

(Client: - M/s Oriental Structural Engineers Pvt. Ltd.)

- ➤ Pre Bid Engineering Services for Four laning of Saoner Dhapewada Kalmeshwar Gondkhairi Section of NH-547-E Package-II from Km 4+700 to Km 33+575 in the State of Maharashtra on EPC mode. (Client: M/s Oriental Structural Engineers Pvt. Ltd.)
- ➤ Pre Bid Engineering Services & Traffic Surveys for "4 laning of Aligarh Kanpur section from Km 229.000 [Design Chainage km 240.897] to Km 289.000 [Design Chainage km 302.108] Package III from Kalyanpur Naviganj of NH-91 in the state of Uttar Pradesh on HAM under Bharatmala Pariyojana".

(Client: - M/s Oriental Structural Engineers Pvt. Ltd.)

➤ Pre Bid Engineering Services for Development of Four Lane with Paved Shoulder from Ch.7.300 to Ch.48.575 [existing chainage] & [Design length from Ch.7.300 to Ch. 48.400 of NH-353D of Nagpur to Umred Section and link road to Umred town in the State of Maharashtra on EPC mode & Pre Bid Engineering services for Four laning of Nagpur – Katol Section of NH-353J from existing Ch. 2.830 to Ch.50.700 [Design Ch. 2.800 to Ch. 62.900] in the State of Maharashtra on EPC mode.

- Pre Bid Engineering Services & Traffic Surveys for Four laning of Aligarh Kanpur section from Km. 186.000 [Design ch. 195.733] to Km. 229.000 [Design Ch. 240.897] [Package –II from Bhadwas to Kalyanpur] of NH-91 in the State of Uttar Pradesh under NHDP Phase IV on Hybrid Annuity Mode.
  - (Client: M/s Oriental Structural Engineers Pvt. Ltd.)
- ➤ Pre Bid Engineering Services & Traffic Surveys for Rehabilitation and Up-gradation to Six Laning of Chandikhole-Bhadrak section of NH-5 (New NH-16) from Km 62.000 to Km 136.500 in the State of Odisha to be executed as Hybrid Annuity Project under NHDP Phase V.
  - (Client: M/s Oriental Structural Engineers Pvt. Ltd.)
- ➤ Pre Bid Engineering Services & Traffic Surveys for Rehabilitation and Up-gradation of 4 to 6 laning of Bhadrak to Balasore (Km 136+500 to km 199+141) section of NH-5 in the state of Odisha to be executed on HAM.
  - (Client: M/s Oriental Structural Engineers Pvt. Ltd.)
- Pre Bid Engineering Services for Construction of Road Tunnel, viaduct and Churhat Bypass of Rewa Sidhi Section of NH-75E from Chainage 33.200 to Chainage 55.400 (Design Length 15.350 Km) as Cement Concrete Pavement configuration in the State of Madhya Pradesh on Design, Build, Operate and Transfer (the "DBOT Annuity") basis.
  - (Client: M/s Oriental Structural Engineers Pvt. Ltd.)

Pre Bid Engineering Services for Upgradation to "Six Lane with paved shoulders of NH-8A (New NH 47) Bagodara-Limdi Section From Km 56+000 to 99+000 (Package-2), Limbdi-Sayla Section from Km 99+000 to 138+000 (Package 3), Sayla-Bamanbore Section from Km 138+000 to Km 182+420 (Package 4) On EPC Mode in the state of Gujarat"

(Client: - M/s Oriental Structural Engineers Pvt. Ltd.)

Pre Bid Engineering Services for Balance work for "Four Laning of Bhopal-Biaora Section of NH-12 from Lalghati Km 315.725 to Bhopal bypass junction Km 324.000 in the state of MP (Package-I) on Hybrid Annuity Mode Basis.

(Client: - M/s Oriental Structural Engineers Pvt. Ltd.)

➤ Pre Bid Engineering Services for Balance work for "Four Laning of Bhopal-Biaora Section of NH-12 from Km 324.000 to existing Km 423.000 in the state of Madhya Pradesh (Package-II) on Hybrid Annuity Mode"

(Client: - M/s Oriental Structural Engineers Pvt. Ltd.)

➤ Pre Bid Engineering Services for "Four Laning of Jhansi — Khajuraho Section (Pkg-I) of NH75/NH-76 from Km 0.000 to km 76.3 in the state of Uttar Pradesh & Madhya Pradesh under NHDP (Phase III) on Hybrid Annuity Mode"

Pre Bid Engineering Services for the work "Rehabilitation and up-gradation of Kolha to Nasratpur Section of NH-222 from existing Km 444/0 to Km 463/545 and Km 481/0 to Km 513/990 to Two lane with paved shoulder in the State of Maharashtra under NHDP-IV".

(Client: - M/s Ravi Infrabuild Projects Pvt. Ltd)

➤ Pre Bid Engineering Services for the work "Rehabilitation and up-gradation of Barasgaon —Rahatee Bu. Section from Km 558/200 to Km 615/000of NH-222 (New NH-61) to Two lane with paved shoulder in the State of Maharashtra under NHDP-IV".

(Client: - M/s Ravi Infrabuild Projects Pvt. Ltd)

➤ Pre Bid Advisory Traffic Services for "Six Laning of Udaipur bypass end to Rajasthan / Gujarat Border From Km 287.400 to Km 401.200 Section of NH-8 in the State of Rajasthan & Gujarat" (Approx Length 113.800 Km) on DBFOT (Toll) under NHDP Phase V (Package-V).

(Client: - M/s Essel Highways Ltd.)

➤ Pre Bid Engineering Consultancy Services for OMT Project of Punjab/J&K Border to Jammu [Km 16.350 to Km 97.200] and tolling for BOT[Annuity] Project [Jammu Bypass (Km 15.000/15.200 to Km 20.305) and Jammu-Udhampur Section [Km 9.370 to Km 52.457] including Udhampur Bypass [Km 0.000 to Km 16.387]] section of NH-1A on OMT basis [OMT Package 21-B]

➤ Pre-Bid Advisory Services (Engineering & Traffic Analysis) for Four Laning of Angul-Sambalpur Section of NH-42 from Km 112 to Km 265 in the state of Orissa under NHDP Phase-IV to be executed as per BOT (Toll) on DBFOT Pattern.

(Client: - M/s ESSAR Investments Ltd. - Atlanta Limited. {JV})

Pre-Bid Advisory Services (Engineering & Traffic Survey Analysis) for Four Laning of Lucknow- Raebarelli section of NH-24B in the State of Uttar Pradesh.

(Client: - M/s Essel Infra Projects Ltd.)

- ➤ Pre-Bid Advisory Services (Engineering & Traffic Survey Analysis) for Four Laning of Cuttack-Angul Section of NH-42 (Km 0 to Km 112) in the State of Orissa under NHDP-IV on DBFOT on BOT (Toll) Basis.

  (Client:-M/s ESSAR Investments Ltd. Atlanta Limited {JV})
- ➤ Pre-Bid Advisory Services (Engineering & Traffic Survey Analysis) for Four Laning of Punjab-Haryana-Border-Jind Section of NH-71 from Km 237+000 to Km 307+000 to be executed as BOT (Toll) basis on DBFOT pattern under NHDP Phase IV-B.

(Client: - M/s J. Kumar Infra Projects Ltd.)

➤ Pre-Bid Advisory Services (Engineering & Traffic Survey Analysis) for Four Laning of Solapur-Maharashtra-Karnataka Border Section of NH-9 in the State of Maharashtra.

(Client: - M/s Essel Infra Projects Ltd.)

- Pre-Bid Advisory Services (Engineering & Traffic Survey Analysis) for Four Laning of Patna-Buxar Section of NH-30 & NH-84 in the State of Bihar under NHDP Phase-III on BOT (Toll) basis.

  (Client: M/s Essel Infra Projects Ltd.)
- Pre-Bid Advisory Services (Engineering & Traffic Survey Analysis) for Four Laning of Meerut-Karnal Road Section of SH-82 in the State of Uttar Pradesh.

  (Client: M/s ESSAR Investments Ltd. Atlanta Limited.{JV})
- ➤ Pre-Bid Advisory Services (Engineering & Traffic Survey Analysis) for Four Laning of Meerut-Bulandshahar Section of NH-235 in the State of Uttar Pradesh under NHDP Phase IV-B. (Client: M/s Essel Infra Projects Ltd.)
- ➤ Pre-Bid Advisory Services (Engineering &Traffic Survey Analysis) for Six Laning of Walajahpet to Poonamallee Section of NH-4 in the State of Tamil Nadu under NHDP Phase V to be executed on DBFOT (Toll) Pattern.

(Client: - M/s ESSAR Investments Ltd. – SREI {JV})

➤ Pre-Bid Advisory Services (Engineering & Traffic Survey Analysis) for Six Laning of Barwa Adda to Panagarh Section of NH-2 in the States of Jharkhand & West Bengal under NHDP Phase V on BOT (Toll) Basis.

(Client: - M/s ESSAR Investments Ltd.)

➤ Pre-Bid Advisory Engineering Services for Two Laning with Paved Shoulders of Bhopal-Sanchi Section of NH-86 in the State of Madhya Pradesh.

(Client: - M/s IFCI & Som Datt Builders Pvt. Ltd. {JV})

➤ Pre-Bid Advisory Engineering Services for Six Laning of Samakhiali to Gandhidham (Km 306 to Km 362) of NH-8A in the State of Gujarat.

(Client: - M/s GVK Power and Infrastructure Limited)

➤ Pre-Bid Advisory Engineering Services for the construction of Two Lane highway with Paved Shoulders of Agra-Aligarh Section of NH-93 in the State of Uttar Pradesh.

(Client: - M/s Pratibha Industries Ltd. - Abhyudaya Housing & Construction Pvt. Ltd. {JV})

Post-Bid Confirmatory Services (Engineering & Traffic Survey Analysis) for Four Laning of Rohtak-Jind Section of NH-71 in the State of Haryana.

(Client: - M/s NKG Infrastructure Ltd.)

Capital and O & M Cost Analysis for the structures for the project "Securitization of Five Mumbai Entry Points along with maintenance of flyovers and allied structures."

(Client: -M/s GVK Power and Infrastructure Limited)

#### **TRAFFIC SURVEY & ANALYSIS**

- Comprehensive Traffic Study and Analysis for Six laning of Kagal-Satara section of NH-48 (Old NH-44) Package-I (From Km 592.240 to Km 658.000) & Package-II (From Km 658 to Km 725) in the state of Maharashtra on BOT (Toll) mode under Bharatrnala Pariyojana. (Client:- M/s PNC Infratech Ltd.)
- Comprehensive Traffic Study and Analysis Services for the work-Tolling, Operation, Maintenance & Transfer of Eastern Peripheral Expressway (from km 1+000 to km 136+000) of NE-II in the National Capital Region (NCR) (Client:- M/s PNC Infratech Ltd.)
- ➤ Traffic Leakage Study and Analysis for Operation and maintence of Kanpur Lucknow Section, (Km 1 1.005 to 75.500) stretch of NH-27 (Old NH-25) and Lucknow Bypass (Km 0.000 to km 22.850) stretch of NH-56 A & 56 B and Lucknow Ayodhya section (Km 8 to Km 137.97) stretch of NH-28 (Total Length of 217.315 Km) in the state of UP on OMT basis (The project) (Client: M/s PNC Kanpur Ayodhya Tollways Pvt. Ltd.)
- Traffic Survey and Analysis Services for on Two Toll Plaza locations on Indore Ujjain Road section of SH-27 in the State of MP.

(Client: - M/s Mahakaleshwar Tollways (P) Ltd.)

- Traffic Survey and Analysis Services for:
  - A] Six Laning of National Corridor NH-19 from Panagarh to Palsit from km. 521.120 to km. 588.870 (total design length 67.750 km) in the State of West Bengal under Bharatmala Pariyojana to be executed on BOT (Toll) basis.
  - B] Six Laning of National Corridor NH-19 from Palsit to Dankuni (up to NH-6 Connector) from km. 588.870 to km. 652.700 (total design length 63.830 km) in the State of West Bengal under Bharatmala Pariyojana to be executed on BOT (Toll) basis.

(Client: - M/s PNC Infratech Ltd.)

- Traffic Survey and Analysis Services for "Four Laning (with paved shoulders) of Bareilly Almora section of SH-37 in the State of Uttar Pradesh on Design, Build, Finance, Operate and Transfer (DBFOT) basis". (Client: M/s PNC Bareilly Nainital Highways Pvt. Ltd.)
- Pre Bid Advisory Traffic Services for Six laning of Hapur bypass to Moradabad section including Hapur bypass from Km 50.000 (Design Ch. 50.000) to Km.148.277 (Design Ch. 149.867) of NH 24 (New NH-09) in the State of Uttar Pradesh on DBFOT basis.

(Client: - M/s PNC Infratech Ltd.)

▶ Pre Bid Advisory Traffic Services for "Development and Operation/Maintenance of Pukhrayan-Ghatampur-Bindaki Section of SH-46 in the state of Uttar Pradesh Project (The "Project") through Public Private Partnership (the "PPP") on [Design, Build, Finance, Operate, Transfer (the "DBFOT")] basis.

(Client: - M/s PNC Infratech Ltd.)

- ➤ Pre Bid Advisory Traffic Services for "Operation and Maintenance of Jhansi-Orai Section of NH-25 (New NH-27) from Km 90.300 to Km 225.713 (length 135.413km) in the State of Uttar Pradesh on OMT basis. (Client: M/s PNC Infratech Ltd.)
- ➤ Pre Bid Advisory Traffic Services for "Six Laning from Km 287.400 to Km 401.200 Section of NH-8 in the State of Rajasthan & Gujarat (approx. length 113.800 km) on DBFOT (Toll) under NHDP Phase V(package-V)"

(Client: - M/s PNC Infratech Ltd.)

- ➤ Pre Bid Advisory Traffic Services for "Six Laning of Kishangarh to Gulabpura Section of NH-79A and NH-79 in the State of Rajasthan (length 90.000 km) on DBFOT (Toll) under NHDP Phase V (Package-I)" (Client: M/s PNC Infratech Ltd.)
- ➤ Pre Bid Advisory Traffic Services for "Six Laning of Gulabpura to Chittodgarh Section of NH-79 in the State of Rajasthan (length 124.870 km) on DBFOT (Toll) under NHDP Phase V (Package-II)" (Client: M/s PNC Infratech Ltd.)

➤ Pre-Bid Traffic Survey & Analysis for Two Laning with Paved Shoulders of Rajasthan Border to Fatehpur and missing link upto Salasar Section of NH-65 under NHDP Phase IV on DBFOT (Toll) Basis in the State of Rajasthan.

(Client: - M/s Salasar Highway Private Limited)

➤ Pre Bid Advisory Traffic Services for Four Laning of Guna-Biaora section of NH-3 from Km 332.100 to Km 426.100 (Package-II) in the State of Madhya Pradesh to be executed on BOT (Toll) on DBFOT Pattern under NHDP Phase-IV.

(Client: - M/s PNC Infratech Ltd.)

➤ Pre Bid Advisory Traffic Services for Six Laning of Agra-Etawah Bypass Section of NH-2 (from Km 199.660 to Km 323.525) in the State of Uttar Pradesh under NHDP Phase IV on BOT (Toll) mode.

(Client: - M/s PNC Infratech Ltd.)

➤ Pre Bid Advisory Traffic Services for Four/Six Laning of Raipur-Bilaspur Section from Km 0.000 to Km 127.650 of NH30/NH130 [Old NH-200] in the State of Chhattisgarh to be executed as BOT [Toll] on DBFO pattern under NHDP Phase V.

(Client: - M/s PNC Infratech Ltd.)

➤ Pre Bid Advisory Traffic Services for Six Laning of Chakeri Allahabad section from Km 483.687 to Km 628.753 of NH-2 in the State of Uttar Pradesh to be executed as BOT[Toll] on DBFO pattern under NHDP Phase V.

(Client: - M/s PNC Infratech Ltd.)

Traffic Survey for Four Laning of Rohtak-Hisar Section of NH-10 from Km 87.000 to Km 170.000 including connecting link from Km 87.000 (NH-10) to Km 348.000 (NH-71) to be executed as BOT (Toll) project on DBFOT Pattern under NHDP Phase III in the State of Haryana.

(Client: - M/s Galfar Engineering & Contracting SAOG)

Traffic Survey Analysis for Four Laning of Khed-Sinnar Section of NH-50 from Km 42.000 to Km 177.000 (Design Length 137.946 Km) Under NHDP Phase IV-B in the State of Maharashtra on DBFOT Basis.

(Client: - M/s Galfar Engineering & Contracting SAOG)

Pre-Bid Traffic Survey & Analysis for Four Laning of Rajsamand-Bhilwara Section of NH-758 under NHDP Phase IV in the State of Rajasthan on DBFOT [Toll] Basis.

➤ Pre-Bid Traffic Survey & Analysis for Two Laning with Paved Shoulders of Rajasthan Border to Fatehpur and missing link upto Salasar Section of NH-65 under NHDP Phase IV on DBFOT (Toll) Basis in the State of Rajasthan.

(Client: - M/s Galfar Engineering & Contracting SAOG)

Pre-Bid Traffic Survey & Analysis for Four Laning of Kashipur-Sitarganj Section of NH-74 from Km 175.000 to Km 252.000 in the State of Uttarakhand and Uttar Pradesh Under NHDP Phase IV through PPP on DBFOT (Toll) Basis.

(Client: - M/s Galfar Engineering &Contracting SAOG)

➤ Pre-Bid Traffic Survey & Analysis for Four Laning of Chinchoti-Kaman-Anjurphata to Mankoli Road (M.S.H. No.-4) from Km 0.000 to Km 26.425, TalukaBhiwandi, and District Thane.

(Client: - M/s Bharat Udyog Limited)

➤ Pre-Bid Traffic Survey & Analysis for Four Laning of Amravati-Maha / Guj Border Section of NH-6 in the State of Maharashtra.

➤ Pre-Bid Traffic Survey & Analysis for Four Laning of Solapur-Bijapur Section of NH-13 in the State of Maharashtra.

(Client: - M/s JMC Projects (India) Ltd.)

➤ Pre-Bid Traffic Survey & Analysis for Four Laning of Madurai-Ramanathapuram Section of NH-49 in the State of Tamil Nadu.

(Client: - M/s JMC Projects (India) Ltd.)

➤ Pre-Bid Traffic Survey& Analysis for Four Laning of Obedullaganj-Betul Section of NH-69 in the State of Madhya Pradesh.

(Client: - M/s JMC Projects (India) Ltd.)

➤ Pre-Bid Traffic Survey& Analysis for Two Laning of Suratgarh-Sriganganagar Section of NH-15 in the State of Rajasthan.

(Client: - M/s JMC Projects (India) Ltd.)

➤ Pre-Bid Traffic Survey & Analysis for Two Laning of Bikaner-Suratgarh Section of NH-15 in the State of Rajasthan.

Pre-Bid Traffic Survey & Analysis for Four Laning of Chittorgarh-Neemuch Section of NH-79 & Two Laning of Nimbahera-Pratapgarh Section of NH-113 in the State of Rajasthan.

(Client: - M/s JMC Projects (India) Ltd.)

Pre-Bid Advisory Services for Four Laning of Rampur-Kathgodam Section of NH-87 in the State of Uttar Pradesh & Uttarakhand.

(Client: - M/s Essel Infra Projects Ltd.)

➤ Pre-Bid Traffic Survey& Analysis for Four Laning of Muzaffarpur-Barauni Section of NH-28 in the State of Bihar.

(Client: - M/s JMC Projects (India) Ltd.)

➤ Pre-Bid Traffic Survey & Analysis for Four Laning of Manganwa to MP/UP Border Corridor of SH-27 in the State of Madhya Pradesh.

(Client: - M/s JMC Projects (India) Ltd.)

Pre-Bid Traffic Survey & Analysis for Satna Bela Corridor of SH-75 in the State of Madhya Pradesh (Client: - M/s JMC Projects (India) Ltd.)

➤ Pre-Bid Traffic Survey & Analysis for Four Laning of Lucknow-Sultanpur Section of NH-56 from Km 11+500 to Km 134+700 on the State of UP under NHDP Phase IV through PPP on DBFOT (Toll) Basis.

(Client: - M/s JMC Projects (India) Ltd.)

- Pre-Bid Traffic survey & Analysis for Four Laning of Bhopal to Biaora Section of NH-12 in the State of MP (Client: M/s JMC Projects (India) Ltd.)
- ➤ Pre-Bid Advisory Traffic Services for Four Laning of Shivpuri to Dewas Section of NH-3 in the State of Madhya Pradesh.

(Client: -M/s Punj Lloyd Infrastructure Ltd –M/s Gayatri Projects Ltd.{JV})

➤ Pre-Bid Advisory Services for Two Laning of Bameetha-Panna-Satna Section of NH-75 in the State of Madhya Pradesh.

(Client: - M/s JMC Projects (India) Ltd.)

➤ Pre-Bid Advisory Traffic Services for Four Laning of Nagpur-Wainganga Bridge Section of NH-6 in the State of Maharashtra.

➤ Pre-Bid Advisory Traffic Services for Varanasi-Shaktinagar Section of SH-5A on DBFOT basis in the State of Uttar Pradesh.

(Client: - M/s Punj Lloyd Infrastructure Ltd.)

Pre-Bid Advisory Traffic Services for Four Laning of Jabalpur-Lakhnadon Section of NH-7 in the State of Madhya Pradesh on DBFOT basis.

(Client: -M/s JMC Projects (India) Ltd.)

➤ Pre-Bid Advisory Services for Four Laning of Belgaum-Khanapur Section (Km 0.000 to Km 30.000) and Two Laning with Paved Shoulders of Khanapur-Karnataka / Goa Border Section (Km 30.000 to Km 84.120) of NH-4A in the State of Karnataka.

(Client: - M/s Indian Technocrat Ltd. - M/s Punj Lloyd)

➤ Pre-Bid Advisory Traffic Services for Six Laning of Bagodara — Wataman — Tarapur — Vasad Section of SH-8 in the State of Gujarat.

(Client: - M/s Punj Lloyd Ltd.)

Pre-Bid Advisory Traffic Services for Development of 24 Border Check Posts of Madhya Pradesh.

- ➤ Pre-Bid Advisory Traffic services for Two Laning of Kanpur to Kabrai Section of NH-86. (Client: M/s JMC Projects (India) Ltd.)
- ➤ Pre-Bid Advisory Traffic Services for Four Laning of Muzaffarnagar-Haridwar Road Section of NH-58. (Client: M/s SKM Consulting (India) Pvt. Ltd.)
- ➤ Pre-Bid Advisory Traffic Services for Kishangarh Udaipur Road (NH-76 and NH-79) (Client: M/s GVK Power and Infrastructure Limited)
- ➤ Pre-Bid Advisory Traffic Services for Palanpur to Radhanpur Samakhiali Road (NH-14 and NH-15) (Client: M/s GVK Power and Infrastructure Limited)
- Additional Video Based Traffic Surveys on Four Laning of Jhansi-Khajuraho section (Package-I) from Km 0.00 to Km 76.3 [existing Km 108.300 of NH-25 Kanpur-Jhansi section to Km 82.10] of NH-75/76 in the State of UP/MP under NHDP Phase-III on Hybrid Annuity Mode.

(Client:- M/s PNC Infratech Ltd.)

Traffic Survey on Four Laning of Jhansi-Khajuraho section (Package-I) from Km 0.00 to Km 76.3 [existing Km 108.300 of NH-25 Kanpur-Jhansi section to Km 82.10] of NH-75/76 in the State of UP/MP under NHDP Phase-III on Hybrid Annuity Mode.

(Client:- M/s PNC Infratech Ltd.)

Traffic Survey on Four Laning of Jhansi-Khajuraho section (Package-II) of NH-75/76 from Design Chainage Km. 76.3 (Existing Chainage 82.100) near village Chhatipahari to Design Chainage Km 161.7 (Existing Chainage Km. 57.9) near Bamitha town in the State of Uttar Pradesh & Madhya Pradesh under NHDP (Phase III) on Hybrid Annuity Mode.

(Client:- M/s PNC Infratech Ltd.)

- Traffic Survey near Toll Plaza location on New Delhi Rohtak Road. (Client:- M/s Indraprastha Corridor Advisory Services Pvt Ltd. (ICAS))
- Traffic Survey for Development, Operation & Transfer of the Toll Plaza on Bhawanigarh Sunam Bhikhi -Maur Kot Shamir Bathinda(BSBKB) Road
  (Client:- M/s Indraprastha Corridor Advisory Services Pvt Ltd. (ICAS))
- Traffic Survey, Study and Analysis Services for "Two Laning with Paved Shoulder of Gwalior-Bhind MP/UP Border Section of NH-92 on DBFOT (Toll) basis".

(Client: - M/s MP Highway Pvt. Ltd.)

Traffic Survey and Analysis Services for "Two Laning with Paved Shoulder of Kanpur-Kabrai Section of NH-86 in the state of Uttar Pradesh on DBFOT".

(Client: - M/s PNC Kanpur Highways Limited.)

- Traffic Services and Analysis for Udaipur to Sabroom Section of NH-44 in the state of Tripura. (Client: M/s National Highway & Infrastructure Development Corporation Ltd.)
- ➤ Traffic Surveys from Chandikhole Paradip of Section NH-5A from Km. 00.000 to Km. 76.588 in the State of Odisha.

(Client: - M/s Credible Management & Consultants Pvt. Ltd.)

Traffic Surveys at Two Locations on Ludhiana - Malerkotla — Sangrur Section of SH-11 in the State of Punjab.

(Client: - M/s Indraprastha Corridor Advisory Services (P) Ltd.)

Traffic Surveys for "4-Laning of Nagpur-Wainganga Road Project under Section of NH-6 from Km 498.000 to Km 544.200 in the State of Maharashtra.

(Client: - M/s WainGanga Expressway Private Limited)

Traffic Surveys at 5 Locations on NH-41 Kalgauhat-Haldia in the State of West Bengal, Gorakhpur-Kuria-UP/Bihar Border to Muzzafarpur on NH-28 in the State of UP/Bihar.

(Client: - M/s Raj HarGopal & Co.)

Traffic Surveys at Three Locations on Purnia Junction-Dalkola-Islampur-Siliguri Section of NH-31 in the State of West Bengal.

(Client: - M/s Indraprastha Corridor Advisory Services Pvt. Ltd.)

Traffic Surveys at Three Locations on Guwahati Bypass to Daboka Section of NH-31, 36, 37 & 54 in the State of Assam.

(Client: - M/s Indraprastha Corridor Advisory Services Pvt. Ltd.)

- ➤ Traffic Surveys at Ch.968.000 NH-31 in the State of Assam.

  (Client: National Highway Authority of India PIU-Bongaigaon)
- Preparation of Traffic Report & TEV Report for Lalitpur-Sagar-Lakhnadon(OMT Project).
  (Client: M/s DPJ-DRA Tollways Pvt. Ltd.)
- Preparation of Traffic Report & TEV Report for Jalandhar to Jammu (OMT Project).
  (Client: M/s DRA-DPJ Tollways Pvt. Ltd.)
- ➤ Pre-Bid Advisory Traffic Services for Rohtak-Panipat Road Section of NH-71A (Client: M/s SKM Consulting (India) Pvt. Ltd.)

Traffic Surveys at Three Toll Plaza Locations (Sergarh, Panikoili, Gangapada) and Calculation of Annual Potential Collection of NH-5A in the State of Odisha.

(Client: - NHAI Bhubaneswar, Odisha)

- Traffic Surveys at Toll Plaza Location of Cuttack-Angul Section of NH-42 in the State of Odisha. (Client: NHAI Sambalpur, Odisha)
- Traffic Surveys for Urban Transport System (BRTS) at Indore in the State of Madhya Pradesh. (Client: -M/s Emergent Ventures India Pvt. Ltd.)
- Traffic Surveys for Urban Transport System (BRTS) at Raipur &Naya Raipur in the State of Chhattisgarh. (Client: M/s Emergent Ventures India Pvt. Ltd.)
- Traffic Surveys for Feasibility Study for the Development of Indore-Icchapur Section of SH-27 in the State of Madhya Pradesh.

(Client: - M/s AECOM India Pvt. Ltd.)

Traffic Surveys and Analysis for construction of Fly Over Between LIG Intersection to Shivaji Statue Square on Agra Bombay Road in Indore (MP)

(Client: - MPPWD Indore)

Traffic Survey & Consultancy Services as Logistics support for Cement Grinding Unit at Surat in the State of Gujarat.

(Client: - M/s ABG Cement Ltd.)

Traffic Survey and Engineering investigations for the work of Widening of Two lanes to Four lane of Nagpur-Betul Section of NH-69 in the State of Maharashtra and Madhya Pradesh.

(Client: - M/s Indian Technocrat Ltd.)

Traffic Surveys and Analysis for Four Laning of Rohtak-Bawal section of NH-71 under NHDP-III in the State of Haryana.

(Client: - M/s Kurukshetra Expressway Pvt. Ltd. — SPV —JMC Projects (India) Ltd.)

Traffic Surveys for Indore BRTS Projects.

(Client: - M/s IBI Consultancy (I) Pvt. Ltd. Haryana)

> Traffic Survey for Development of Khandwa Burhanpur Road in the State of Madhya Pradesh.

(Client: - M/s Khandwa Agroh Pathways Pvt. Ltd.)

➤ Traffic Survey on Paron Goras Road.

(Client: -M/s Surva Infra Ventures Pvt. Ltd.)

Traffic Survey on Two Laning of Bameetha-Panna-Satna Section of NH-75 in the State of Madhya Pradesh.

(Client: - M/s VIL Ltd.)

All Surveys and Investigations viz. classified volume count, Turning movement, O-D surveys etc, Pavement evaluation, Topographical surveys and Geotechnical investigations as part of the work of preparation of Feasibility Report for Widening to Six Lanes of the 93 Km Stretch of NH-45 from Tambaram to Tindivanam in State of Tamil Nadu.

(Client: -M/s Haskoning DHV Consulting Pvt. Ltd.)

- Traffic Count and Traffic Demand Forecasting for Indore-Ujjain Road in State of MP. (Client: M/s IFCI Ltd.)
- Traffic Survey Analysis for Ahmadabad to Vadodara Expressway (NE-1) and Ahmadabad to Vadodara Section for NH-8 in the State of Gujarat.

(Client: -M/s Haskoning DHV Consulting Pvt. Ltd.)

Traffic Survey for Four Laning of Rohtak Bawal Section of NH-71 from Km 363.300 (Design Km363.300) to Km 450.800 (Design Km 445.853) under NHDP III in the State of Haryana.

(Client: - M/s JMC Projects (India) Ltd.)

Traffic Survey for Two Laning with Paved Shoulders of Agra-Aligarh Section of NH-93 (Chainage 0.000 Km to 79.000 Km) in the state of UP.

## **ENGINEERING INVESTIGATIONS**

➤ Axle Load survey & BBD Studies on "4 laning of Nagpur-Wainganga Road Project under section NH-6 from Km. 498.000 to Km. 544.200 in the State of Maharashtra under NHDP Phase — III.

(Client: - M/s JMC Projects (India) Ltd.)

- ➤ Benkelman Beam Deflection testing for Thalassery to Valavupura Section of SH-30 in the State of Kerala. (Client: M/s Essar Projects (India) Limited)
- Axle Load Survey on 4/6 laning of MP/Maharashtra Border-Dhule Section of NH-3 in the State of Maharashtra.

(Client: - Egis India Consulting Engineers Pvt. Ltd.)

- Axle Load Survey for Allahabad Bypass.

  (Client: M/s Prakash Asphaltings & Toll Highways [India] Ltd.)
- Axle Load Survey for Development of Khandwa Dedhtalai Burhanpur Road in Madhya Pradesh. (Client: M/s Prakash Asphaltings & Toll Highways [India] Ltd.)

- Axle Load and Benkelman Beam Deflection testing for Shivpuri-Dewas Section of NH-3. (Client: M/s Bridgecon Infra Consultants)
- ➤ Pavement Condition Survey and Benkelman Beam Deflection testing for Meerut Muzaffarnagar Section of NH-58.

(Client: - M/s Gayatri Projects Ltd.)

- Condition Survey & Benkelman Beam Deflection testing for Samakhiali-Gandhidham Section of NH-8A. (Client: M/s L&T Samakhiali Gandhidham Tollways Pvt. Ltd.)
- Axle Load Spectrum Survey and Pavement Evaluation Survey for Feasibility Study for two laning of the Sections from Kotputli to Kuchaman and Daulatpura via Neemka Thana, Sikar, Losal (SH-37B, SH-07, SH-07D, SH-8A, MDR-24) in the State of Rajasthan.

(Client: - M/s Vayam Technologies Limited)

### **TOPOGRAPHICAL AND HYDROGRAPHICAL SURVEYS**

Topographical Survey Works for Pkg 2 & Pkg 5 at Kishangarh-Udaipur- Ahmadabad Section of NH-79 [Km 74.000 to Km 164.000] & NH-8 [Km 287.000 to Km 357.000] total length 200 Km in the State of Rajasthan and Gujarat.

(Client: - M/s GMR Infrastructure Ltd.)

- Topographical Survey of High Level Bridge across Mahi River District Dungarpur. (Client: M/s Consulting Engineers Group Ltd.)
- ➤ Topographical Survey for Four Laning of Mohania Ara Section of NH-30 from Km 0.0 to Km 116.760 [Approx length 70 Km.]

(Client: - M/s Consulting Engineers Group Ltd.)

➤ Topographical Survey for Two Laning of Kalyan — AP border section of NH-222 in the State of Maharashtra. [Approx length 50 Km]

(Client: -M/s Consulting Engineers Group Ltd.)

- Hydrographic Survey of river Kanhan for Hydrodynamic Study of the river required for the proposed Major Bridge across the river Kanhannear Nagpur comprising of 60 Km length.

  (Client: National Highways Authority of India (NHAI Nagpur))
- ➤ Hydrographic Survey for Cross-Sections of Bhima and Sina rivers &Nallah. (Client: NTPC Ltd., Solapur)
- Field Survey & Investigations for Four Laning of Patna Bakhtiyarpur Section of NH-30 (Client:- M/s Indian Technocrat Limited)
- Topographical Survey for Four Laning of Rewa–Jabalpur Section of NH-7 in the State of Madhya Pradesh. (Client: M/s Consulting Engineers Group Ltd.)
- Topographical Survey of the work Kantaphod-Nachalbor road from Km 30.000 to Km 60.380 (Client: M/s B.R. Goyal Infrastructure Pvt. Ltd.)
- Topographical Survey for construction of bridge (1000 m) on downstream of Omkareshwar Dam, Siddhawarkut.

(Client: - M/s NHDC Limited)

- ➤ Hydrographical Survey work in a length of 60 Km in the River Narmada required for Hydrodynamic study for proposed major bridge across river Narmada on NH-8.

  (Client: M/s L&T Vadodara—Bharuch Tollway Ltd.)
- All Surveys and Investigations (All Traffic Surveys, Pavement evaluation, Topographical surveys and Geotechnical investigations) as part of the work of preparation of Techno-economic Feasibility Report for Widening to 6 Lanes of the 93 Km stretch of NH 45 from Tambaram to Tindivanam in Tamil Nadu. (Client: -M/s Haskoning DHV Consulting Pvt. Ltd.)

### **CONSULTANCY FOR INDUSTRIAL AREA**

Preparation of DPR with Survey, Demarcation and Approval of Layout Plan of New Industrial Area at Bangrod, Distt-Ratlam in the State of Madhya Pradesh.

(Client: - M.P. Audyogik Kendra Vikas Nigam (U) Ltd., Ujjain)

➤ Preparation of DPR with survey and Preparation & Approval of Layout Plan for new Industrial Area at Kumhari, Jaora, Distt. Ratlam in the State of Madhya Pradesh.

(Client: - M.P. Audyogik Kendra Vikas Nigam (U) Ltd., Ujjain)

- Detailed Project Report of Industrial area, Jhanjharwada Distt. Neemuch in the State of Madhya Pradesh. (Client: -M.P. Audyogik Kendra VikasNigam (U) Ltd., Ujjain)
- Traffic Services and Analysis for Parking Survey at Narela Industrial Estate in New Delhi. (Client: M/s PNC Delhi Industrial Infra Pvt. Ltd.)

# **SERVICES AS ENVIRONMENTAL CONSULTANT**

Environmental Consultant for Reconstruction/ Widening/ Up-gradation to four lane of Rau-Pithampur Road in the State of Madhya Pradesh.

(Client: - M/s Rau-Pithampur Infrastructure Pvt. Ltd.)



### **RESOTECH CONSULTANCY SERVICES PVT.LTD.**

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