



BHARTI TECHNICAL & ECONOMICAL SERVICES

Helping nation grow

BHARTI TECHNICAL and ECONOMICAL SERVICES (BTES)

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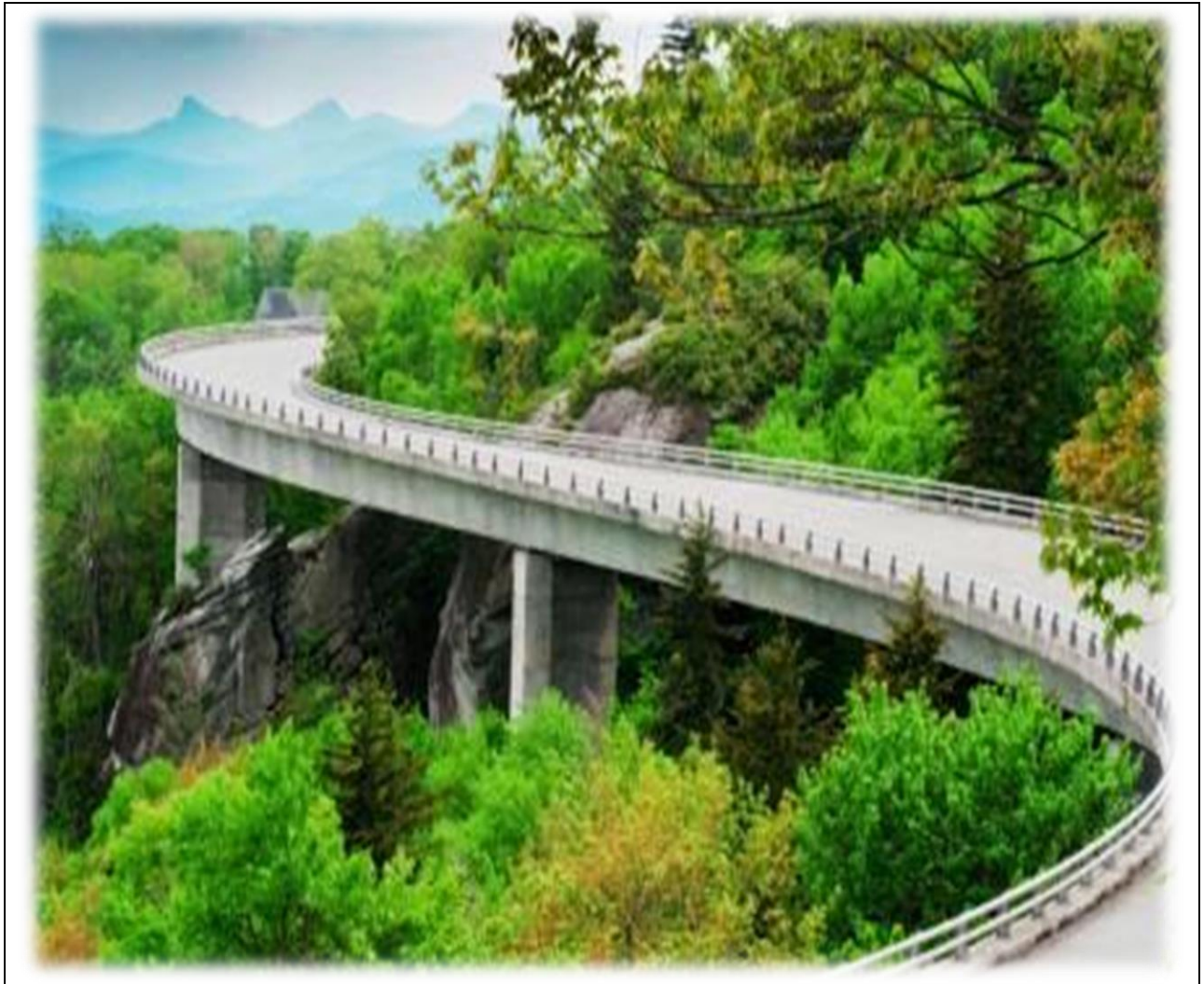
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Committed to growth through technical excellence and innovation

About us

“BTES” BHARTI TECHNICAL AND ECONOMICAL SERVICES was a sole proprietorship firm opened on 14th of November 2008 in Delhi with the aim of providing quality services in field of infrastructure consulting engineering and later in the year 2016, converted to a partnership firm. We have established ourselves with clear goal of providing most professional and valued consulting services. We are a team of experienced engineers and other professionals in the field of transportation sector especially traffic, highway and bridge engineering. The core expertise of our team is combined through a dynamic multi-disciplined approach to produce industry leading planning techniques, outcomes and innovative approaches to deliver complex road infrastructure projects. Our strength lies in our unique professional approach to bring value to all infrastructure projects. Our depth of experience, knowledge and proven multi-discipline approach is a key to successful execution of projects. We are aiming to develop into a premier consultancy organization by providing consultancy from the stage of conceptualization to detailed planning and engineering for varied and diverse spectrum of projects. The services include pre-feasibility & feasibility studies, detailed engineering studies for highways, bridges and pre-bid advisory services to our clients.



Mr. Rajesh Kumar Chopra
(Founder & Managing Director)

Shri. Rajesh Kumar Chopra is founder of “Bharti Technical and Economical Services” and also an Authorized Signatory along with Smt. Bharti Chopra who is responsible for all the administrative activities of the organization and has marked experience in banking sectors and in public relations. Mr. Rajesh Chopra is engineering graduate from National Institute of Technology, Trichy and Post graduate in Soil Mechanics and foundation Engineering from IIT, Delhi. Brief Description of Mr. Chopra is given hereunder for reference:

Mr. Chopra has more than 25 years of experience in Highway Engineering which includes World Bank and Asian Development Bank Funded Highway Engineering Projects in India and abroad. He has played the key role in pavement engineering, highway design and business development and have an inclination and zeal for developing the business. He has been team leader for more than two projects and overall responsible for the delivery of the project. He plays the key role in client interaction and attends all the technical meetings and delivers presentations to the clients. He carried out Computer Aided Highway Geometric and Pavement Design for various roads of Domestic (IRC) and International standards (AASHTO) in different Feasibility and Detailed Engineering Projects. He has taken the front man role in BOT project right from inception to commission. He has big expertise in flexible and rigid

pavement design, geometric design of Interchanges like Cloverleaf, trumpet etc. in MX using input files and command reference language. His experience also include the rate analysis and cost estimation of different elements of crust thickness of roads in detailed Engineering and various construction supervision projects. He has coordinated and carried out Computer Aided analysis of Road Inventory, Soil and Sub-soil investigations, Condition Surveys and Deflection test for Highway Engineering Projects. He has been involving himself in comprehensive Planning, formulation of Traffic Management Schemes, Interchanges Design, compilation and analysis of Traffic Volume, O-D Survey and Axle Surveys for Traffic and Transport Planning Projects. He has wide experience in Project formulation, preparation of Feasibility and Detailed Engineering Reports and preparation of computer aided drawings for Highway Projects. He also possesses the experience of working as design head for live construction projects to produce the GFC's and tackle various contractual issues related to design. Coordinate with different agencies and provide most suitable solutions suiting construction and provide guidance to several associated department including contracts, project management and costing etc. Responsible for developing and mentoring the in-house design team of young and experienced engineers. Instrumental in bringing recent advances in highway design industry and implementing it in recently won highway construction projects like cold mixes and base stabilization techniques and responsible for achieving significant saving in total cost of projects.



**Smt. Bharti Chopra
(Managing Partner)**

Smt. Bharti Chopra who is responsible for all the administrative activities of the organization and has marked experience in banking sectors and in public relations and she is also an authorized authority.



Mr. Varun Kirti
(Managing Partner)

Mr. Varun Kirti is a Managing Partner and a key decision maker in BTES. Mr Varun is an alumni of National Institute of Technology, Kurukshetra, with a graduate degree in Civil Engineering. He also possesses a post graduate degree in Highway Safety and Engineering. Before establishment of BTES, Mr. Varun had been associated with multi-national consultancies and concessionaires and has delivered wide range of projects in highway infrastructure. He has rich

experience in detailed engineering designs and PMC for construction projects, Feasibility Studies and Detailed

Engineering studies (DPR) for government agencies like NHAI, MORTH and state road development departments; design consultancy and pre tendering works of National Highways and State Highways for contractors as per IRC (Indian Road Congress) recommendations; detailed design and concept design for international projects based on AASHTO, DMRB and other international guidelines.

Working on Indian and international projects has exposed him well to work in varied work cultures.

His Key skills include:

- CAD Geometric Design of Roadways using AASHTO, IRC guide lines in Plain/Rolling & Hilly Terrain with the aid of Bentley MX Road.
- Pavement design of rigid/flexible pavements and overlay designs.
- Engineering investigations and analysis; Axle load survey, surface evenness & roughness, BBD etc.
- Traffic analysis of various kinds; CTVC, OD surveys, TMC, speed Delay etc.
- Quantities computation and BOQ preparation.
- Meetings with clients and authorities.
- Drainage design.
- Preparation of Reports & presentations.
- Ensuring quality and timely delivery of reports.
- Compliance of queries received from site/client/authority.

Our Vision and Values

Professionalism: We are committed to provide an exceptional level of service in engineering, economic development and planning to our clients. We continue doing this by adhering to the highest standards of ethical and moral conduct in all aspects of our consulting practices.

Mission: Implementing quality assurance and provide valued product to all our clients through high technical excellence in all the projects on behalf of clients and meeting the needs of clients and ultimately contribute to the economic growth of the country.

Vision: We want to be leading premier creative and innovative engineering and planning firm of our country.

Core Values: Integrity, Excellence, Creativity, Innovation, Transparency and professionalism.

Services we provide

BTES is a multi-disciplinary organization and can provide effective, efficient and professional services, with speed and agility, to a wide range of clients. BTES has a completely integrated in house capability of expertise to offer a diversity of professional services in the following fields:

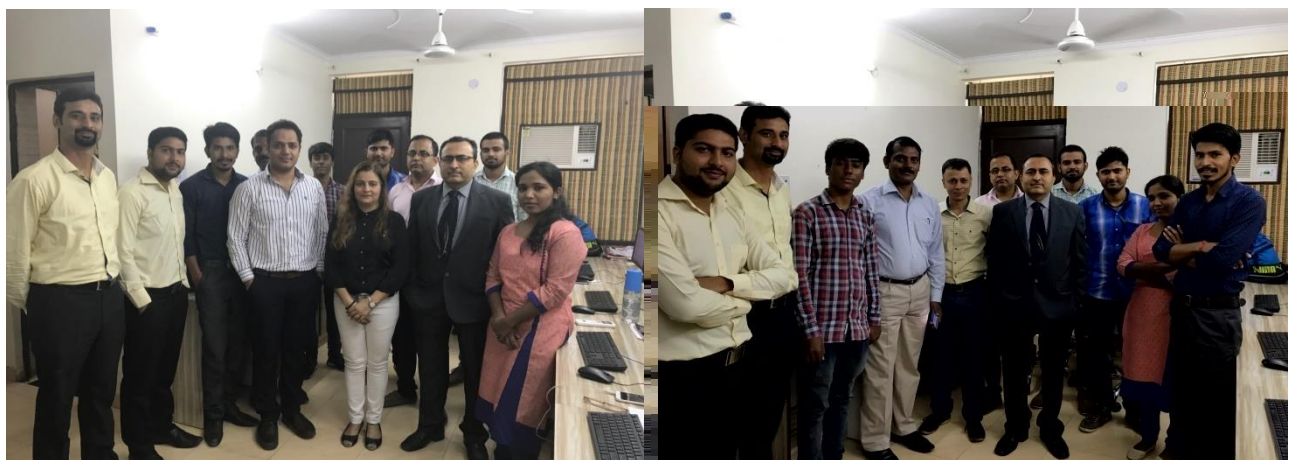
- Pre-bid Advisory / technical assistance
- Pre-feasibility and techno-economic feasibility studies
- Detailed engineering design and project preparation
- Value-engineering
- Urban & Regional Planning and Design
- Expressway studies
- Traffic & Transport planning studies
- Proof checking & review of design
- Maintenance Planning & Management
- Safety and Environmental impact assessment
- Tendering & Procurement Support
- Traffic surveys
- Pavement investigation surveys and innovative pavement designs of flexible and rigid pavement types
- Rehabilitation and resettlement surveys
- Topographic Surveys
- Soil testing services
- Geotechnical design services.

- Estimation of quantities for road and other infrastructure projects.

Our Team

We have a staff of dedicated and highly qualified and talented industry experts, who have vast understanding and knowledge of their respective fields. Their strong support allows us in successfully understanding and satisfying the diversified needs of our clients. They work with utmost dedication to present the extensive range of solutions. Brief descriptions of key personal responsible for growth and functioning of BTES are attached with this brochure which will give confidence to you that work assignments given to us are always dealt by highly qualified and experienced manpower.

BTES Team in office:



Clientele

Our company brings forth the unmatched services to our clients and has achieved their strong trusts. We maintain a communication channel to interact with our clients and to offer the services in

accordance to their exact specification of requirements. The services offered by us are reliable and superior quality solutions. We aim to maintain the strong relationship with our clients. List of our clients is given hereunder for reference:

List of our Clients	
 <p>Member of the SNC-Lavalin Group</p>	
	 <p>MSV Group of Companies ISO 9008:2009 Certified Company</p>
 <p>Regd. Office: 4/B, First Floor, Subhash Nagar, New Delhi 110027, Ph. : 011-47500756, Email: director@mgmonline.in, Web : www.mgmonline.in CIN : U74140DL2012PTC240102</p>	 <p>MG Contractors Pvt. Ltd.</p>
	
	

	 <p>LKT ENGINEERING CONSULTANTS LTD.</p>
 <p>DRA Dineshchandra R Agarwal Infracon An ISO 9001:2008 Company</p>	 <p>SHIVALAYA CONSTRUCTION CO. PVT. LTD.</p>
 <p>FEEDBACK INFRA Making Infrastructure Happen</p>	 <p>DIMTS DELHI INTEGRATED MULTI-MODAL TRANSIT SYSTEM</p>
 <p>STUP CONSULTANTS PVT. LTD.</p>	 <p>Corsán-Corviam</p>
 <p>JMC Projects (India) Ltd.</p>	 <p>Rodric</p>
 <p>Essel infra</p>	 <p>C & C Constructions Ltd. Partners in Nation Building</p>
 <p>IRCC the art of construction</p>	 <p>MOC MOHAN ENERGY CORPORATION</p>
 <p>KSS KazStroyService</p>	 <p>CIVILBABA</p>



Equipment available with us for topographic surveys

1. Sokkia Power set - 1 No. - 1" accuracy
2. Sokkia Set 5F - 1 No. - 5" accuracy
3. Lieca - 1200 - 1 No. - 1 " accuracy
- 4 SDL-30 DIGITAL LEVEL - 1 No. - 1mm accuracy
- 5 Auto Level -12 nos.
6. Sokkia SET 1 X - 2Nos. - 1" Accuracy



State of ART soil testing laboratory

BTES enjoys in-house soil testing laboratory where highly skilled and experienced staff is employed. All the soil and aggregate testing facilities are available and we also intend to become a successful investigation agency in near future. We guarantee a very professional testing results reports.

Projects

Completed Design and Pre-bid Advisory Projects:

- Pre-bid services for Road Works Estimation Works for five packages to be executed on EPC mode in the state of Maharashtra.
Client: **JMC Project (India) Ltd., Mumbai**
- 50 km of hill road design “Tupul” to “Kasomkhullen” in the state of Manipur. _A section under ADB TA for North Eastern State Road Improvement Project “NESRIP”, in year 2008-2009.
Client: **Transys Consulting Pvt. Ltd**
- Consultancy Services for preparation of Feasibility report for construction of Manarkad bypass on NH-213 in state of Kerala, in year 2010.
Client: **PEMS Engineering Consultants.**
- Highway Design Review of Ranchi – Patratu Dam- Ramgarh Road (package RPR) in state of Jharkhand, in 2010.
Client: **MSV international Inc.**
- Consultancy services for grading the roads (making 3D models) for Bhopal Airport, in year 2010.
Client: **Gifford India Pvt. Ltd.**
- Design review, preparation of BOQ and writing report for 65 km long proposed road connectivity from Bhadrak to Dhamra port in state of Odisha, in year 2010.
Client: **Howe (India) Pvt. Ltd.**
- Pre-bid services including preliminary road design and computation of road quantities for strengthening and widening the existing 2 lane road to 2 lanes with paved shoulder of about 160 km long Phalodi- Jaisalmer road (NH-15) in state of Rajasthan in year 2014.
Client: **Pioneer Infra Consultants Pvt. Ltd.**
- Pre-bid services for four lanning of existing 2 lane road of National Highway 163 from Yadgiri at km. 54 to Warangal at Km. 154 in the state of Telengana in year 2014.
Client: **Civilbaba Infra Consultant Pvt. Ltd.**
- Pre-bid services for development to Four-Lanes with paved side shoulders of End of Sangrur Bypass to Tapa section of NH-64 [New NH No. 7] from existing Km 116/950 to Km 138/030 and existing Km 142/950 to Km 168/0 in state of Punjab under NHDP –IV in year 2015.
Client: **Civilbaba Infra Consultant Pvt. Ltd.**
- Computation for road quantities as per the specific requirements of Client for national highways projects in Assam.
Client: **Avanza Engineering Pvt. Ltd.**
- Apart from above, professionals of BTES has been involving themselves in providing advisory services and carrying out in innovative flexible pavement design using chemical stabilizers as per the guidelines of IRC 37 :2012 to the different companies in field of chemical stabilizers.

- 4 laning of 44 km or road in state of Assam. Work includes detail design of roads including pavement design, rate analysis, computation of quantities and production of shop drawings. _2016.
Client: **Projects Consulting India (P) Ltd.**
- Pre-bid services of Allahabad – Pratapgarh section of NH-96. Services include preparation of report for traffic and axle load surveys and finally carrying out pavement and rigid pavement design in year 2016.
Client: **Corsan Corvium Construction (I) Pvt. Ltd.**
- Preparation of report and analysis of traffic surveys including CVC counts, OD survey, axle load surveys, speed and delay survey, pedestrian count survey, Benkelman beam deflection survey, turning movement counts and roughness surveys, finding growth rates by transport elasticity method, suggesting the axle load pattern for rigid pavement design, computing VDF and MSA for flexible pavement design for 53 km in DPR preparation of Bhivapur – Bhandara section of SH- 355 in state of Maharashtra in year 2016.
Client: **LKT Engineering Consultants Ltd.**
- Pre-tender services of Gujarat Border – Ahmedabad section of NH-8. Services include pavement design for conventional granular sub-base and cemented sub-base; quantities computation and detailed BOQ preparation for highways and bridges, report preparation. in year 2016.
Client: **SOMA Enterprise Ltd.**
- Pre-bid consultancy services for “GREENFIELD JALANDHAR BYPASS” and to provide the services such as Site Survey, Costing, Preparation of Detailed Bill of Quantities (BoQ), Detailed Rate analysis, Comparative Analysis, Market Intelligence, Value Engineering, Risk analysis and proposed mitigation plans etc.
Client: **Essel Infraprojects Limited**
- Pre-tender services for “Rehabilitation & upgradation to four laning of NH-31D from km 113.200 to km 154.854 (Package – IIA) Ghoshpukur – Sasalabari section in West Bengal on EPC Mode”.
Client: **Dineshchandra R. Agarwal Infracon Pvt. Ltd.**
- Pre-tender services for “Construction & upgradation of existing road to two lanes with paved shoulder from km 0.00 to km 16.539 of Ranipool – Pakyong of NH-717A on EPC basis under SARDP-NE in the state of Sikkim”.
Client: **Dineshchandra R. Agarwal Infracon Pvt. Ltd.**
- Pre-bid services for “Four laning of section from km 1.700 (Pirpanti to NH-80) in the state of Bihar to km 50.800 (Gandhigram, Gooda of NH-133) in the state of Jharkhand on EPC mode”.
Client: **M. G. Contractors Pvt. Ltd.**
- Consultancy Services for carrying out Rate Analysis of Hiring Charges of Equipments.
Client: **KSS Petron Pvt. Ltd.**

Completed PMC Projects (Project Management Consultancy):

- Construction of 5 No.s Bridges-80 m span single lane(1X50+1X30) motor able bridge over TriyathNallah at Bagla, Design and construction of 80 m span single lane(1X60+1X20) motor

able bridge over TriyathNallah at Tichka, 60 m span single span motor able bridge overTriyathNallah at Lyal,80 m span single lane(1X50+1X30) motor able bridge over SolkiNallah at Solki& 50 m span (1X46) km 1st RD 125-175 Domel to Rajpur Top via ThalMohra Road by way of Earthwork, construction of RCC Abutments, Piers, Dirt wall, Bridge Superstructure,RCC deck slab, Approach slab & approach Road amounting to Rs. 11,9700000 (Rupees eleven crore and ninety lacs only).

Client: **SGF Infra Pvt. Ltd.**

- Bridges in PMGSY circle, Batote allotted as a single contract vide Chief Engineer PMGSY (JKRRDA) Jammu Allotment No. CEJ/PMGSY/8739-49 dt. 10/09/2011 amounting to Rupees Ten Crores Four lacs and Eight Thousand only (Rs. 10,04,08,000/-)

S. No.	Name of bridge	package No.	Division	Cost (in Lacs)
1	35m span bridge on HewganBhordhor RD KM 6th (steel bridge)	JK04-29	Banihal	Rs. 129.91
2	25m span bridge in KM 8th of Chatroo to Singhpura (steel bridge)	JK04-35	Chatroo	Rs. 92.79
3	45m span bridge in KM 5th of Chatroo to Singhpura (steel bridge)	JK04-35	Chatroo	Rs. 167.04
4	45m span bridge Guzzar to Gurinalah (steel bridge)	JK04-77	Chatroo	Rs. 148.47
5	23m span bridge on Bhrangran to Rote KM 4yh RD 950-75(steel bridge)	JK04-36	Doda	Rs. 85.37
6	70m span bridge on satringle to Katyara (steel bridge)	JK04-63	Doda	Rs. 259.83
7	32.5m span bridge in KM 33 Bhagwa to Desa road (steel bridge)	JK04-100	Doda	Rs. 120.63
	Total			Rs. 1004.08

Client: **SGF Infra Pvt. Ltd.**

Completed Survey and Investigation Projects:

- Traffic Survey and Pavement Condition survey, Borrow Area and Quarry Areas survey for DPR project for the Road Dinga Amb-Chalan-Udhampur (80Km) and Lakhanpur-Mahanpur-Basphli (75Km).
Client: **Rodic Consultants Pvt. Ltd.**
- Topography surveys of 37.5 km long road, traffic surveys including CVC counts and axle load surveys for construction of Two lane project highway for the road section Rangamati- Tikar-Hazam-Banta-Silli (MDR-025) from km 8.8 km to km 46.37 km in the state of Jharkhand.
Client: **M. G. Contractors Pvt. Ltd**
- Topographic surveys of roads around Laxmi Nagar District Centre (Non-Hierarchical commercial Centre/shopping mall), Delhi.
Client: DIMTS, New Delhi
- Topographic Surveys of roads around Rhenok-Rorathang-Pakyong of NH-717A from Km 0.00 to Km 26.706 in the state of Sikkim.

Client: **Dineshchandra R. Agrawal Infracon Pvt. Ltd., Ahmedabad**

- Carrying out traffic surveys, Axle load surveys & analyzing OD and preparing trip matrix, at Mohol connecting Pandharpur, Malshiras, Phaltan, Nira, Jejuri, and Saswad near Pune.
Client: **Sugam Technocrats Pvt. Ltd.**
- Carrying out traffic Surveys, Axle load survey & material investigations, laboratory testing of collected material from test pits at Pandharpur-Sangola, in the state of Maharashtra.
Client: **R.K. Chavan Infrastructure Pvt. Ltd.**
- Traffic sampling at three Toll Plaza locations (viz. Shahjanpur Toll Plaza, Mohanpur Toll plaza, Daulatpur Toll Plaza) along Manesar-Jaipur section on NH-8 in the state of Rajasthan. Traffic sampling included 7-day (24 hour) Manual classified volume counts complimented with 7-day (24-hour) video recording at all survey locations in year 2017.
Client: **Pink City Expressway Pvt. Ltd.**
- Carrying out all traffic surveys including CVC counts, OD surveys, Axle Load Surveys, Speed and delay Surveys, Material investigation surveys from Pits on subgrade soils, Borrow areas and query identification surveys, collection of soil samples from pits and borrows and aggregates from quarries, conducting all field testing on subgrade soils, conducting BBD and roughness testing for strengthening and widening of NH no. 183 near Adoor connecting Pathanamthitta, Vadserikkara, Lahai, and terminating at its junction with new NH No.: 183 near Vandiperiyar in the State of Kerala to two / four lane with paved shoulder configuration – Lot V (NH/IAHE/58) in year 2017.
Client: **STUP Consultants, Delhi.**
- Carrying out traffic surveys, axle load surveys, finding growth rates by transport elasticity method, analysis of all traffic and axle load survey and suggesting the axle load pattern for rigid pavement design, computing VDF and MSA for flexible pavement design for 71 km of EPC contract: Haridwar – Nagina section of NH-74 in year 2016.
Client: **Corsan Corvium Construction (I) Pvt. Ltd.**
- Soil and material investigations for EPC contract: Haridwar – Nagina section of NH-74 in year 2016.
Client: **Indian Geotechnical Services**
- Soil and material investigations for Detailed Project Report for Up gradation of Highway starting from junction with NH-40 at Kurnool connecting Nandikotkur, Atmakur and terminating at its junction with NH-765 at Dornala to Two / Four Lane with Paved Shoulder Configuration (Package No: NH/IAHE/30, Category-I) I year 2016.
Client: **MGM Engineers & Consultants Pvt. Ltd.**
- Carrying out material investigations, location of borrow areas, aggregate sources, and other construction material; laboratory testing of collected material from test pits, borrow area and crushers for Gujarat Border – Ahmadabad section of NH-8. in year 2016
Client: **SOMA Enterprise Ltd.**
- Carrying out traffic surveys including OD survey, axle load surveys, speed and delay survey, pedestrian count survey, Benkelman beam deflection survey, turning movement counts and roughness surveys, finding growth rates by transport elasticity method, analysis of surveys and suggesting the axle load pattern for rigid pavement design, computing VDF and MSA for flexible pavement design for 53 km in DPR preparation of : Bhivapur – Bhandara section of SH- 355 in state of Maharashtra in year 2016.

Client: **LKT Engineering Consultants Limited**

- Traffic and axle load surveys on Allahabad – Pratapgarh section of NH-96 in year 2016 for its pre-bid advisory services.

Client: **Corsan Corvium Construction (I) Pvt. Ltd**

- Topographic Survey and quantity computation for about 90 km of track laying works in year 2014.

Client: **KEC International Ltd**

- Overlay pavement design work including carrying out Benkelman beam testing of 60 m wide 9.4 km long road, in year 2009.

Client: **Meerut Development Authority**

- Traffic and Axle Load Survey on Haridwar site in the year 2018.

Client: **RCC Infra Ventures Ltd.**

- Rehabilitation and Up-gradation to two lane with paved shoulders from Km 531/250 to Km 597/946 (Kunkuri to CG/JH Border Section) of NH-78 in the State of Chattisgarh under NHDP-IV through Engineering, Procurement in the year 2017.

Client: **Shivalaya Construction Co. Pvt. Ltd.**

- Traffic sampling at three Toll Plaza locations (viz. Shahjampur Toll Plaza, Mohanpur Toll plaza, Daulatpur Toll Plaza) along Manesar-Jaipur section on NH-8 in the state of Rajasthan. Traffic sampling included 7-day (24 hour) Manual classified volume counts complimented with 7-day (24-hour) video recording at all survey locations in year 2018.

Client: **Pink City Expressway Pvt. Ltd.**

- Geotechnical investigation for Mathura to Kasganj & Farrukhabad - Kalyanpur Station for Railway Electrifications work in the state of UP.

Client: **Matrixgeo, New Delhi**

- Standard Penetration Test Survey Farrukhabad - Kalyanpur Station for Railway Electrifications work in the state of UP.

Client: **Matrixgeo, New Delhi**

Ongoing Design and Pre-bid Advisory Projects:

- Rehabilitation and up-gradation to 4-laning of Rajamunda-Barkote Section of NH-23 (New NH No. 143) (Km. 287.200 to Km. 337.185) in the State of Odisha under NHDP-IV — Detailed Engineering Services

Client: **Gayatri Projects Limited**

- Design Consultancy for Complete design of road alignment, plan & profile and provide typical cross section, plan & profile of road alignment, cross sections at regular intervals and details of various parameters between Km60.700 to Km 71+000 for Two Lane Kaladan Road Project, Myanmar

Client: **ENGINEERING PROJECTS (INDIA) LTD (A Government of India Enterprise)**

- Work order for Providing Consultancy Services for Construction and Upgradation of existing road to 2-lane with paved shoulder from Km 399.000 to Km. 430.000 of Karanpyarag to Chamoli (Excluding Km 420.250 to Km 420.500 and Km 423.300 to km 423.650) of NH-07 under Chardham Parivoina on EPC basis in the state of Uttarakhand. (Design Length - 28.80 Km).

Client: **SHIVALAYA Construction Co. Pvt. Ltd.**

- CONSULTANCY SERVICE AGREEMENT FOR "Construction of alternative highway to Gangtok in Sikkim via Bagrakot - Algarah - Rhenok in the State of West Bengal and from Rhenok – Rorathang - Pakyong along with spur from Aritar - Rolep - Menla in the State of Sikkim (Package No. IVB from Km 13.00 to Km 25.60 of Bagrakot - Kafer section of NH 71 on EPC Mode under Phase A of SARDP-NE in the state of West Bengal). The objective of this Contract is the developing a Value Engineering as well as detailed Design Project Report for the above mentioned project for highways, structures.

Client: **M. G. Contractors Pvt. Ltd**

- Consultancy Services for carrying out feasibility study and detailed project preparation for Redesigning, Rehabilitation and Upgradation to 2-lane/2-lane with paved shoulders or its strengthening in the State of Himachal Pradesh for State Road Sainj (NH-705)-Deha-Chopal-Nerwa-Faduspul Road) [Package Nos. HP/SHIMLA/13]

Client: **MORTH**

- Consultancy services for "Construction of Two Lane Road on NH Specifications from Paletwa to India-Myanmar Border (Zorinpui) from km 0.00 to km 109.2 in Chin State of Myanmar on EPC mode"

Client: **C & C Constructions Ltd.**

- Consultancy Services for Project Management Phase 1 including Preparation of Detailed Project Report of the Highway (NH No.: 183 A) starting from its junction with NH No.: 183 near Adoor connecting Pathanamthitta, Vadserikkara, Lahai, and terminating at its junction with new NH No.: 183 near Vandiperiyar in the State of Kerala to two / four lane with paved shoulder configuration – Lot V (NH/IAHE/58). Services include all highways, bridge, pavement and all other ancillary work designs.

Client: **STUP Consultants.**

- Consultancy including Detail Design, value Engineering and all associated scope along with its submission and approval for Construction of upgradation of existing road to 2-lane with paved shoulder, including geometric improvement from Km. 0.00 to Km. 26.706 in Rhenok-Rorathang-Payong of NH-717A on EPC basis under SARDP-NE Phase 'A' in the state of Sikkim.

Client: **National Highways & Infrastructure Development Corporation Ltd. (NHIDCL)**

EPC Contractor: **D.R. Agrawal Infracon Pvt. Ltd.**

- Consultancy Services for Two Lane With paved shoulder project Highway comprises the section of Khamgaon – Mehkar – Aultanpur – Lonar – Mantha –Vathurphata – Partur – Mazalgaon – Dharur – Kaija – Kalamb – Barshi –Kuradwadi – Pandharpur - Sangola connecting NH-166 Section from Kurudwadi – Padharpur - Singola (SH-210) connecting NH-166 from existing KM 48+375 (Pandharpur) to KM 79+533 (Sangola, NH166) Padharpur (3200

KM overlay) NH-965C to Two lane with paved shoulder in the state of Maharashtra on EPC basis.

Client: **Maharashtra State Road Development Corporation (MSRDC)**

EPC Contractor: **R.K. Chavan Infrastructure Pvt. Ltd.**

- Development of two lanning of existing Tanakpur to Pithoragarh Road on EPC basis starting from design Km. 91.930 to Km. 120.045 (Design length 28.115 Km) (Survey Km. 92.880 Km. 121.550, length 28.670 Km) of NH-125 (New NH-9) in the state of Uttarakhand.

Client: **Ministry of Road Transport and Highways (MORT&H)**

EPC Contractor: **Shivalaya Construction Pvt. Ltd.**

- Detailed Design of 6 lanning of 64 km of Varanasi- Aurangabad section of NH-2 on DBFOT basis. Services contains producing the GFC's and taking its approval from our immediate client (SOMA enterprises), SPV and IE of project.

Client: **SOMA ENTERPRISES**

- Detailed design services for construction of Two lane project highway for the road section Rangamati- Tikar-Hazam -Banta-Silli road (MDR-025) from km 8.8 km to km 46.37 km in the state of Jharkhand. Services included design of road and all CD structures of road.

Client: **State Highway Authority of Jharkhand.**

EPC Contractor: **M.G.Contractors Pvt. Ltd.**

- Consultancy services for Detailed Project Report for 2/ 4 lanning of 105 km of roads in state of Andhra Pradesh from Kurnool to Dornala Preparation of Detailed Project Report for Up gradation of Highway starting form junction with NH-40 at Kurnool connecting Nandikotkur, Atmakur and terminating at its junction with NH-765 at Dornala to Two / Four Lane with Paved Shoulder Configuration (Package No: NH/IAHE/30, Category-I).

Client: **MGM ENGINEERS & CONSULTANTS PRIVATE LIMITED.**

- Consultancy services for Detailed Project Report for ugradation of Panipat- Shamli-Muzaffarnagar- Bijnor- Nagina road in the states of Uttar Pradesh and Haryana to two/four lane with paved shoulder configuration. (Package No. NH/IAHE/47/Category-II).

Client: **Pioneer Infra Consultants Pvt. Limited.**

- BTES has entered into contracts with WS Atkins (India) Private Limited, as a Sub-Consultant to provide services, for the major project Wiltshire Major Maintenance and has been successfully performing and providing services to the Company.

Client: **Atkins (India) Private Limited**

- BTES has entered into contracts with WS Atkins (India) Private Limited, as a Sub-Consultant to provide services, for the major project Hampshire Maintenance and has been successfully performing and providing services to the Company.

Client: **Atkins (India) Private Limited**

- **BTES** is acting as Principle Advisor to Feedback Infra Private Limited and assisting Feedback for following projects.

- Authority Engineer for Rehabilitation and up-gradation of NH-12A from km. 191.422 to Km. 242.3 (CHIPLI-KAWARDHA SECTION-PACKAGE-I), in the state of Chhattisgarh to 2 lane with paved shoulder under NHDP-IV phase on EPC basis.

- Authority Engineer for Design Report for Widening and strengthening of Road Work and Reconstruction of culverts in Km. 31 to Km. 61 of NH-99 under NH Division Hazaribagh.
- Authority Engineer for review of Amritsar - Taran- Taran section of NH-15 including Amritsar and Naushera bypass in Punjab under EPC mode -1.
- Preparation of Detailed Project Report for Improvement / 2 laning from Yingkiong to Bishing (via GettePugging-Likor-Paling-Jido) road of length of 160km in state of Arunachal Pradesh.

Proof Checking Assignments:

- Construction of standalone Ring Road/bypass around Jammu city from Raya Morh km.0.687 to Jagti Km.57.568" in the state of J&K — Services for Proof Consultancy
Client: **Gayatri Projects Limited**
- Proof checking services for NH-2 project (phase-II & III of Isolux Corsan section in Varanasi-Aurangabad section). Services included reviewing the design of main carriageway, service road; drains and flexible/rigid pavement design; identifying the scope of value engineering strictly while comparing the design as per CA and contractual clauses and report preparation in year 2017.
Client: **SOMA Enterprise Ltd.**
- Proof checking of rigid/flexible pavement design of main carriageway and service road for four-laning of Sultanpur to Varanasi section of NH-56. (km 134.700 to m 205.000) in year 2017.
Client: **MSV International Inc.**

BTES Team performing traffic Surveys at site:



Axle Load Survey in progress



Axle Load & OD Survey in progress



BTES Team interacting with truck drivers



OD Survey in progress



Traffic Volume Count in progress



Traffic Surveys during night with all necessary safety guidelines

BTES team performing material investigations at site:



Field Density by Sand Replacement Test in progress



DCP Test in progress



Road site Pit excavation for pavement crust measurement



Pavement crust Measurement

BTES team performing pavement investigations:



BBD investigation in progress



Surface evenness and roughness survey in progress

Contact Us

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