

Quality
at work A measure of our



Success



INFINITE
CIVIL SOLUTIONS PVT. LTD

INFINITE CIVIL SOLUTIONS PRIVATE LIMITED

BACKGROUND

Infinite Civil Solutions established in 2001 and converted to Private Limited in 2007. It is a professionally supported civil engineering consultancy firm in the field of infrastructure development. The company is a multi engineering firm registered in India having fully equipped office in Ahmedabad, Gujarat.

Infinite Civil Solutions has a vast experience in providing consultancy services for all types of Highway Development Works & Bridges. We provide technical services for infrastructure planning, engineering & development, pertaining mainly to Highway, Bridges, Canal and Water Supply.

For geotechnical investigation & material testing, we have a complete in-house laboratory. It has state of the art testing laboratory to carry out all type of Testing of Soil and other materials. The Laboratory is approved by the Government of Gujarat. This company is also ISO 9001:2008 Certified by the AGSI Certification Pvt. Ltd., Mumbai.

ICS HAS UNDERTAKEN QUITE A NUMBER OF ACTIVITIES ON:

- Pre-bid engineering for projects on BOT/PPP basis
- Preparation of detailed project report for highway
- Concessionaire's Engineering Consultancy Services
- Design of all types of bridges & flyover and preparation of working drawings
- Design of water supply, sewerage & storm water drainage network
- Third Party Inspection and Project Management Consultant
- Detailed Traffic Analysis

OUR MISSION

To deliver high quality Engineering services to our clients by providing time bound, cost effective, innovative and technically best solutions through our qualified, motivated and committed workforce.

REGISTRATION & ESTABLISHMENT

NAME AND ADDRESS:

Infinite Civil Solutions Pvt. Ltd.

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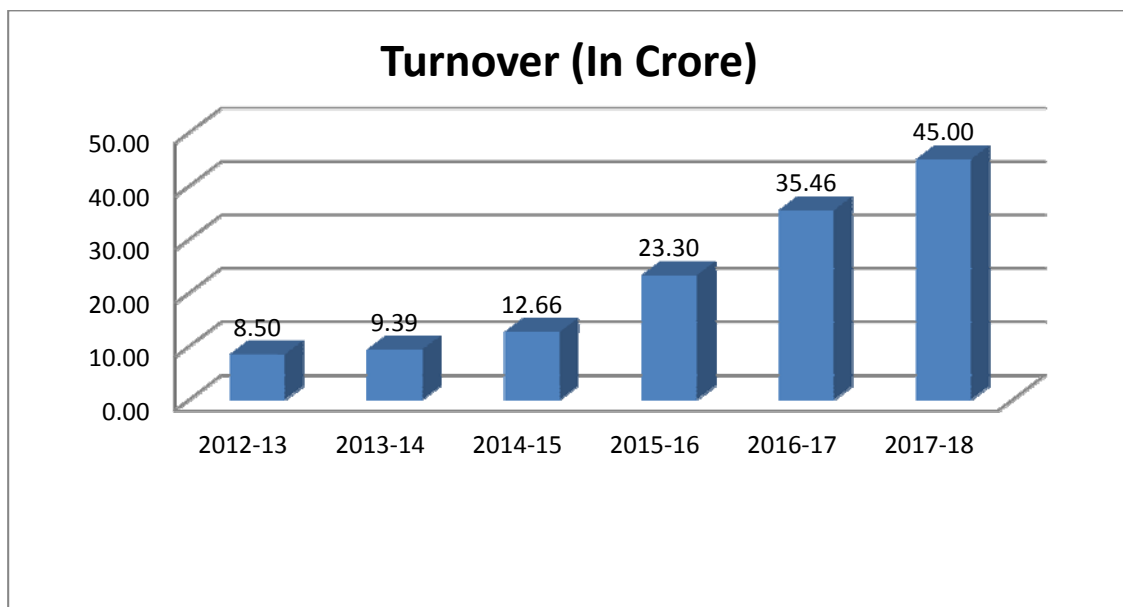
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FIELD OF SERVICES

- ✓ Road Network Design & Supervision Consultancy
- ✓ Bridge Design & Detail Project Report
- ✓ Traffic Studies & Traffic Engineering
- ✓ Water Supply & Irrigation
- ✓ Sewerage
- ✓ Storm Water
- ✓ Quality Control & Quality Audit

COMPANY'S TURNOVER



MANAGEMENT STRUCTURE & STAFFING

ICS's permanent staffs are over 250 out of which 130 are professionals, 80 sub-professionals and the rest support staff.

The company is manned by staff with wide experience in the planning, design, operation and maintenance and infrastructure for drainage and water supply and sanitation, roads and buildings.

ICS's strength is its highly qualified staff, who are well acquainted with the latest appropriate technologies in fields of the company's activities and also its ability to draw upon the specialized know-how.

Board of Directors and Key INFINITE Staff

ICS has a pool of well experienced staff specializing in different disciplines. The present numbers of staff permanently working with the company are as follows. ICS involves quite large number of other professionals that are not included in this list.

Sr. No.	Name of Person	Qualification	Position	Experience
1.	Pankaj Goyal	B.E. (Civil)	Director	Over 19 years experience in providing consultancy services for highway projects including surveying, roadway & bridge design, quality control, geotechnical investigation, quantity surveying etc.
2.	Gaurang Patel	B.E. (Civil)	Director	Over 16 years experience in dealing with civil engineering projects. Vast experience in quantity estimations, roadway design, surveying and providing technical assistance to clients.
3	Sanjeev Agrawal	B.E. (Civil)	Head (Projects)	Over 22 years experience in project execution & supervision.
4	Hitesh Desai	M.E. (Civil) (Soil Mechanics)	Technical Advisor	Over 39 years experience in geotechnical investigation and material testing.
5	Arunkumar M. R.	B. Tech. (CIVIL)	GM (Technical)	Over 27 Years Experience in the field of civil engineering including the construction of Highways and expressways. Experience in Highway projects ranges from Geometric design of highways, detailed cost estimate including rate analysis, Planning/Scheduling and monitoring of project.
6	Panna Patel	M.E. (Civil)	GM (Technical)	Over 13 years of experience of Quality control activities, Pavement Design, Traffic Analysis & Highway Design.
7	Hemant Patel	B. E. (Civil)	GM (Irrigation)	Over 34 Years Experience in Irrigation Project Like Dam, Canal, Lift Irrigation Scheme, Water Supply Projects.

LIST OF MAJOR PROJECTS EXECUTED

Detailed Engineering Design Consultancy Services

Scope of Work:

- ❖ Detailed project engineering involving study of all available tender documents,
- ❖ Detailed topographical surveys, centerline line marking, TBM transferring and OGL recording,
- ❖ Geotechnical & hydrological investigations for all bridges,
- ❖ Flexible & rigid pavement design,
- ❖ Detailed road alignment design including horizontal & vertical curves improvement, design of junctions and all other roadside facilities,
- ❖ Design of all major & minor bridges and all cross drainage works ,
- ❖ Preparation of working drawings & getting approval from relevant authority.

Sr. No.	Project Description	Length	Approx Cost (in Millions)	Client
1	2- Laning of Lebad SH – 31 –Manpur NH - 3 Road project in the state of Madhya Pradesh	34 km	2001 Millions	Valecha Engineering - DBL, Mumbai
2	2- Laning of Ujjain – Jaora Road section in the state of Madhya Pradesh	95 km	1893 Millions	Top Worth Toll Ways Pvt. Ltd
3	4- Laning of Ahmedabad – Godhra Road Section of NH-59 in the State of Gujarat	118 km	9150 Millions	Dilip Buildcon Ltd., Bhopal
4	4- Laning of Manor-Wada-Bhiwandi section of state highway in Maharashtra	64 km	2800 Millions	Supreme Infrastructure Pvt. Ltd, Mumbai
5	Strengthening & widening of existing single lane state highway from Chhindwara to Matkuli SH - 19 in MP to two lane standards.	112 km	2132 Millions	Keti Infrastructures Limited, Indore
6	Strengthening & widening of existing state highway from Chandupur to Badwani SH - 26 in Madhya Pradesh to two lane standards.	100 km	1440 Millions	Keti Highway Developers Pvt Limited, Indore
7	Strengthening & widening of existing single lane state highway from Mandsaur to Sitamau Upto Raj Border SH – 14 in Madhya Pradesh to two lane standards.	44 km	423 Millions	Suryavanshi Infrastructure Pvt. Ltd., Bhopal
8	4- Laning of Chikli – Khamgaon section of state highway in Maharastra	64 km	2135 Millions	Keti Infrastructures Ltd.
9	Strengthening & widening of existing state highway from Bhind to Gopalpur SH - 2 in Madhya Pradesh to two lane standards.	51 km	820 Millions	Dilip Buildcon Pvt Ltd., Bhopal
10	2- Laning of Badwani – Palsood - Sendhwa Road SH-39 in the state of MP on DBFOT plus Annuity basis	57 km	1040 Millions	Valecha Engineering - DBL, Mumbai
11	4-Laning of Mhow – Ghatabilod Section of SH-	27 km	1773 Millions	Essel Infra Ltd, Mumbai

Sr. No.	Project Description	Length	Approx Cost (in Millions)	Client
	27 in the state of MP on BOT basis			
12	2/4 Laning of Bhuj-Bhachau Road section of SH-42 in the state of Gujarat on BOT basis	77 km	2570 Millions	Valecha Engineering Ltd.
14	4-Laning of NH-3 from Gwalior to Shivpuri in the state of Madhya Pradesh on DBFOT basis	125.38 Km	12500 Millions	Essel Infra Ltd.
15	4- Laning of Nagpur-Waingangā Bridge Section of NH-6 in the state of Maharashtra	45.43 km	3900 Millions	JMC Projects (India) Ltd
16	4- Laning of Rewa-MP/UP Border of NH-7 in the state of Maharashtra	89.3 km	6708 Millions	JMC Projects (India) Ltd
18	2 Laning Mangawan – MP/UP Border section (Part of NH-27) starts Mangawan town from to Chakghat village connecting with MP/UP Border	52.07 km	4583.70 Million	Topworth Pvt. Ltd.
19	4 – Laning with Paved Shoulder of Section from km 155.00 to 202.897 of NH-75 Satna - Bela in the State of Madhya Pradesh on DBFOT Basis	48.04 km	3343.90 Millions	Topworth Pvt. Ltd.
20	Intermediate Laning + 2- Laning of Package-IV Jaora – Piploda - Sailana, Neemuch – Jawad - Nayagaon, Soyat - Pidawa, Petlawad - Bamniya Road in the state of Madhya Pradesh on BOT (Annuity) basis "	87.77 km	1230.90 Millions	Dilip Buildcon Ltd.
22	2-Laning of Ashoknagar - Vidisha MDR Road on (Toll + Annuity) pattern	35.68 km	844.40 Millions	Dilip Buildcon Ltd.
23	2-Laning of Betul-Sarni – Tikdhana - Junardeo-Parasia Road on Toll + Annuity basis	124.1 km	2376.40 Millions	Dilip Buildcon Ltd.
24	Widening & Reconstruction of Shahganj - Barakheda Road - Agreement No. 18/2013	15.70 Km	479.30 Millions	Dilip Buildcon Ltd.
25	Widening and Reconstruction of Shadol - Singhpur - Turla - Pandaria Road Project (SH-09) (Balance Work)	121.09 km	1080.00 Millions	Dilip Buildcon Ltd.
26	Development of Tikamgarh (Dhajrai) -Jatara-Palera-Nowgaon Major District Road on BOT basis in the state of Madhya Pradesh.	76.4 Km	1026.50 Millions	Dilip Buildcon Ltd.
27	Development of Rewa-Sidhi (NH-75-E) road from km.2/8 to Km. 33/2 and Km. 55/4 to Km. 83/4 on Engineering Procurement and Construction (EPC) mode.	57.8	2602.1 Millions	Dilip Buildcon Ltd.
28	Rehabilitation and up gradation of NH-23 Km 0.000 to Km 78.192 (CHAS -RAMGARH) to two lane paved shoulders in the state of Jharkhand under NHDP-IV through an Engineering Procurement & Construction	67.327	3416.1 Millions	Dilip Buildcon Ltd.

Sr. No.	Project Description	Length	Approx Cost (in Millions)	Client
	(EPC) basis contract			
29	Rehabilitation and up-gradation of NH-221 (New-NH-30) from Km 32.735 to Km 71.200 (Chandragudem to AP/Telangana Border Section) in the State of Andhra Pradesh to two Lane with paved shoulder under NHDP-IV Phase on EPC Basis.	37.89	1443 Millions	Dilip Buildcon Ltd.
30	Rehabilitaion and Upgradation of NH-12A from Design Ch. 245.375 to 316.468 (Kawardha - Bemetara - Simga Section - Package-II), in the State of Chattisgarh to 2-Lane with paved shoulder under NHDP-IV phase on EPC Basis	71.093	2593.7 Millions	Dilip Buildcon Ltd.
31	Rehabilitation and Up-gradation of Shahdol to MP CG border section of NH-78 from Km. 142/2 (End of Shahdol Bypass) to Km.245/00 (at MP CG Border) (Design Length 91.80 Km.) to Two Lane with Paved Shoulder as Cement Concrete Pavement Road in the State of Madhya Pradesh on EPC Mode	91.8	3402 Millions	Dilip Buildcon Ltd.
32	Widening and Strengthening of Existing 2/4-Lane with Paved shoulder of Amritsar Tran-Tran Harike section of NH-15 FROM Existing km.445.250 of NH-1 TO Existing km 158.35 of NH-15 including construction of Amritsar and Naushera Bypasses in the state of Punjab on EPC Mode under NHDP-IV	45.925	5580 Millions	Dilip Buildcon Ltd.
33	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 Corridor Approach through Engineering, Procurement & Construction (EPC) Basis Contract	55.026	2248.3 Millions	Dilip Buildcon Ltd.
34	4 Laning of Patiala-Bhatinda Section of NH-64 From Km 116.950 to Km137.850 & Km 142.950 to Km 168.000 Phase II in the State of Punjab under NHDP Phase IVA on EPC Mode.	46.04	3510 Millions	Dilip Buildcon Ltd.
35	Rehabilitation and up-gradation of SH-15 from Km 31/10 to Km 113/00 including Rehli Bypass (Patan Tendukheda Rehli Road) to two lane in the State of Madhya Pradesh on BOT (Toll + Annuity) Basis	86.6	176.4	Dilip Buildcon Ltd.
36	Rehabilitation and up-gradation SH-18 from CH. 0+000 to 34+620 (Badnagar-Sunderabad-Unhel road)in the State of Madhya Pradesh to two Lane carriage way with paved shoulder.	95.1	1620	Dilip Buildcon Ltd.
37	Rehabilitation and up-gradation of Mandla Pindrari & Salimanabad Vilayatkalan section	106.327	1908	Dilip Buildcon Ltd.

Sr. No.	Project Description	Length	Approx Cost (in Millions)	Client
	of MDR on EPC Mode Part I – Mandla Pindrari Section (33.150 Km) & Part II - Salimanabad Vilayatkalani Section (73.177 Km)			
38	Rehabilitation and augmentation to Two-Laning with paved shoulder and widening of Jabalpur Mandla Chilpi of NH-12A (Package III) from existing km 89/6km to 192/4km (102.800 Km) Proposed design length km 85+400 to 177+750 (92.350 Km) two lane with paved shoulder as cement concrete pavement road in the state of MP on EPC mode.	92.35	4150.8	Dilip Buildcon Ltd.
39	Rehabilitation and Upgradation of Four-Laning with paved shoulder of NH-27 from km 4.285 to km45.627 in the state of Uttar Pradesh under NHDP-IV.	41.719	4000.5	Dilip Buildcon Ltd.
40	Rehabilitation and up-gradation of NH-221 (New NH-30) from Km 0.00 to Km. 32.735 (Ibrahimpattanam Circle to Chandragudem Section) in the State of Andhra Pradesh to two Lane with paved shoulder under NHDP-IV Phase on EPC Basis.	32.3	1440	Dilip Buildcon Ltd.

Authority's Engineer, Project Management & Construction Supervision (PMC)

Scope of Work

- ❖ Review of the project report prepared by the Concessionaire:
 - i. Project Report
 - ii. Implementation Schedule
 - iii. Adequacy of the Geotechnical studies; sub-soil investigations; Hydrological Investigations and Topographical Survey
- ❖ Suggest modifications or Direct for fresh investigations on the above matters
- ❖ Review of Environmental management plan during implementation period and operation period
- ❖ Review of Safety measures proposed during implementation and operation period
- ❖ Monitor and Review the Quality Assurance and Quality Control procedures (as per IRC specifications and Quality Control Manual)
- ❖ Review the material testing results, mix design as per the standards prescribed in the Contract.
- ❖ Frequent site visits are proposed which shall review the works in progress and also to point out lapses, defects or deficiencies observed during the construction process
- ❖ Ensure that all the relevant Construction work is carried out in accordance with the specifications and standards
- ❖ Identify delays and recommend the remedial measures to expedite the progress
- ❖ Recommend the Provisional Completion certificate duly satisfied with himself

Details of Project

Sr. No.	Name of Project	Project Length	Cost (In Millions)	Client	Name of Concessionaire
1	Consultancy services for Authority's Engineer for supervision of Rehabilitation & Up-gradation NH-111(New NH-130) from Km. 82.500 to Km 163.400 (katghora to Shivnagar Section) in the State of Chhattisgarh to two lanes with paved shoulder under NHDP-IV on EPC basis	80.90 Km.	--	MORT&H	---
2	Consultancy Services for Authority's Engineer for supervision of project of Four Laning of Simga - Saragaon section (from Km 48.580 to Km. 91.026) of Raipur-Bilaspur stretch of NH-200 in the State of Chhattisgarh under NHDP phase-IV on EPC Mode.	42.44 Km.	--	NHAI	---
3	Consultancy services for Authority's Engineer for supervision of Rehabilitation and up-gradation of Eppurpalem - Ongole section from Km 195+000 to Km 254+500 of NH-214A (New NH-216) to two lane with paved shoulder in the state of Andhra	57.874 km	--	MORT&H	---

Sr. No.	Name of Project	Project Length	Cost (In Millions)	Client	Name of Concessionaire
	Pradesh under NHDP –IV Through Engineering, Procurement & Construction (EPC) basis				
5	Project Management & Construction Supervision for 4-Laning of Mhow – Ghatbilod Section of SH-27 in the state of Madhya Pradesh on BOT basis	27 km.	1773	MPRDC, Bhopal	Essel Mhow Ghatabilod toll roads Pvt. Ltd.
7	Project Management & Construction Supervision for 2- laning of Ujjain – Jaora Road section in the state of Madhya Pradesh	95 km.	1893	MPRDC, Bhopal	Topworth Infra Pvt. Ltd.
8	Project Management & Construction Supervision for Strengthening & widening of existing single lane state highway from Chhindwara to Matkuli SH - 19 in Madhya Pradesh to two lane standards.	112 Km.	2132	MPRDC, Bhopal	Keti Infrastructure Pvt. Ltd.
9	Project Management & Construction Supervision for Strengthening & widening of existing single lane state highway from Mandsaur to Sitamau Upto Raj Border Sh – 14 in Madhya Pradesh to two lane standards.	44 Km.	3208.06	MPRDC, Bhopal	Suravanshi Infrastructure Pvt. Ltd.

Detailed Project Report (DPR) Preparation

Scope of Work:

- ❖ Pavement sub grade investigation and material investigations,
- ❖ Borrow area & quarry area identification,
- ❖ Subsoil explorations for major & minor bridges along the alignment,
- ❖ Topographic survey using Total station & GPS,
- ❖ Sub soil improvement techniques & methodology,
- ❖ Detailed designs of roadway corridor including all related roadside amenities,
- ❖ Preparation of working drawings,
- ❖ Preparation of detailed project costs in order to facilitate project authorities to go ahead with the tendering of project.

Sr. No.	Project Description	Length	Approx Cost (in Millions)	Client
1	Consultancy Service for Feasibility study, Detailed Project Report, Detailed Site Investigation, Sub Soil Exploration and Testing, Preparation of Plans, Designs, Land Plan Schedules, Preparation of GAD, EPC Schedules for Widening to Two Lane with paved shoulders/Four Lane from 0.000 To Km. 107.660 of Pamarru-Digamarru Road of NH 165 in the State of Andhra Pradesh on EPC mode (Ongoing)	107 Km.		Governor of Andhra Pradesh Works Department Ministry of Roads Transports & Highways (MORT&H)
2	Consultancy Services for “Preparation of Project Reports for (i) Establishment of road link of NH-80 from Ch: 282.600 km near Bewa bridge at Jharkhand border merging with NH-34 near Farakka in the district of Murshidabad & (ii) Development of alignment of newly declared NH-131A from NH-34 junction near Malda, connecting proposed bridge over river Fulahar at Nakatti point up to Bihar border in the district of Malda, West Bengal.” (Ongoing)	80 Km.	---	National Highway Planning & Design Division-II, P.W (Roads) Directorate Govt. of West Bengal Ministry of Roads Transports & Highways (MORT&H)
3	Consultancy Services for “Preparation of Detailed Project Report for Establishment of NH-2B with minimum of 2-Lane with paved shoulder configuration starting from 48 Km at Bolpur to 105 Km. at Mallarpur of NH-2B to Merge with	57 km.	---	National Highway Planning & Design Division-II, P.W (Roads) Directorate Govt. of West Bengal

Sr. No.	Project Description	Length	Approx Cost (in Millions)	Client
	NH-60 for Total length of Roads 57 Km in the state of Birbhum, West Bengal. (Ongoing)			
4	Technical Consultancy Services for “Preparation of feasibility Report of Developing of Ring Road around Major & Minor cities of Madhya Pradesh”.	400 km.	---	
5	Consultancy Services for Preparing Detailed Project Report for 4-lane Ring road around Bhavnagar city.	40 Km.	---	Road & Building Department, Govt. of Gujarat
6	Preparation of Detailed Project Report for Up gradation to Two lane / Four lane with Paved Shoulders configuration of newly declared NH 516D from Devarapalli at NH -16 to Jeelugumilli near AP/TS Border in the state of Andhra Pradesh (Ongoing)	60 km	--	Governor of Andhra Pradesh Works Department Ministry of Roads Transports & Highways (MORT&H)
7	Consultancy services for Feasibility study & Detailed Project Report for construction of Railway Over Bridge near Ranasan on AUDA Ring Road	--	---	Ahemdabad Urban Development Authority (AUDA), Govt of Gujarat
8	Consultancy services for construction of new roads (6-lane) in SEZ and approach road to power plant Areas At Mundra SEZ.	30 km	1500 Millions	Dorsch Consultants, Mundra SEZ
9	Consultancy services for construction of 6-lane road cross drainage and bridges in MPSEZ area from DRC rail crossing to Vadala Rail Crossing.	42 km	630 Millions	Multi Media Consultants Pvt. Ltd, Mundra SEZ

Traffic Studies & Traffic Engineering

Scope of Work:

- ❖ Providing services for carrying out traffic surveys like 7-day classified volume count, Origin Destination Survey, turning movement surveys, axle load survey, speed delay survey, etc
- ❖ Analysis of survey data for traffic growth rate, traffic projection, junction design, carrying out commodity analysis, lead distribution, etc
- ❖ Study of alternate routes and identifying traffic generators from vicinity of the project corridor and its impact on the potential traffic
- ❖ Estimation of category wise breakup of daily tollable traffic into through, local & frequent vehicles opting for return journey
- ❖ Estimation of year-wise Toll Revenue for a period of 30 years
- ❖ Estimation of design traffic loading in terms of MSA.

Some of the Major Projects are:

Sr. No.	Description of Project	Client
1	4/6 Laning of Amritsar Pathankot Section of NH-15 under NHDP Phase III on BOT Basis	SREI – Valecha – Atlantia S.P.A Consortium
2	6- Laning of Belgaum – Dharwad Section of NH-4 from km 433 to km 515	SREI – Valecha – Atlantia S.P.A Consortium
3	6- Laning of Chandikhol To Bhubaneswar road project in the state of Orissa	SREI – Simplex -Galfar Consortium
4	6- Laning of Vasad – Bagodra Road Project in the state of Gujarat	SREI – Valecha -Galfar Consortium
5	4- Laning of Delhi-Agra section of NH-2 in the state of Haryana/UP	SREI – Simplex -Galfar Consortium
7	4- Laning of Rohtak –Hissar section of NH-10 from km 87 to km 170 in the state of Haryana	Sadbhav Engineering Ltd, Ahmedabad
8	Radhanpur- Mehsana & Harij Patan section of SH- 55 in state of Gujarat	Dineshchandra R Agrawal Infracon Pvt. Ltd.
9	4- Laning of Ahmedabad – Virangam - Dhangadhra, Rajkot-Jamnagar-Vadinar and Halol - Godhra Section of different state highways in Gujarat	Larsen & Toubro on behalf of Scott Wilson Pvt. Ltd.
10	4- Laning of Gandhidham – Mundra Road in the state of Gujarat (NH-8A Ext)	Projects Limited (Group of Adani Enterprise)
11	4 Laning of Thrissur - Angamali Section of NH -47 in the state of Kerala.	Guruvayor infrastructure Pvt. Ltd.

Sr. No.	Description of Project	Client
12	4- Laning of Gwalior – Bhind upto UP border section of NH-92 in the state of Madhya Pradesh	Essel Infraprojects Pvt. Ltd., Mumbai
13	4- Laning of Pune – Satara section of NH-4 from km 725.00 to km 865.35 in the state of Maharashtra	SREI-Atlantia-Supreme-Unity Consortium
14	4/2 Laning of Sagar – Damoh, Indore-Ujjain & Bhopal bypass section of state highways in state of MP	Valecha, DP Jain & Co
15	4- Laning of Lebad-Manpur section of state highway in the state of Madhya Pradesh	Varaha Infrastructure Ltd, Jodhpur
16	2- Laning of Ujjain-Nagda-Jaora section of state highway in the state of Madhya Pradesh	Sadbhav Engineers Ltd.
17	4- Laning of Jaora – Nayagaon Road Project in the state of M.P on BOT Basis	SREI – Ashoka Builcon –PNC Infratech
18	4- Laning of Manor-Wada-Bhiwandi section of state highway in Maharashtra	Supreme Infrastructure Pvt. Ltd., Mumbai
19	2- Laning of Nadiad – Modasa on BOT basis in the state of Gujarat	AMR Construction Ltd.
20	6- Laning of Jaipur Ring Road from Ajmer Road to Agra Road Section at Jaipur (on DBFOT Basis)	Valecha Engineering Ltd.
21	6-Laning of NH-4 from Poonamallee to Walajapet in the state of Tamil Nadu on DBFOT basis	Essel Infra Ltd., Mumbai
22	4- Laning of Gwalior - Shivpuri Section Of NH-3 in the State of Madhya Pradesh to be executed as BOT basis project on DBFOT pattern	Essel Infra Ltd., Mumbai
23	4-Laning of Mhow – Ghatabilod Section of SH-27 in the state of Madhya Pradesh on BOT basis	Essel Infra Ltd., Mumbai
24	2- Laning of Bhuj-Bhachau Road section of SH-42 in the state of Gujarat on BOT basis	Valecha Engineering Ltd.
25	4-Laning of Jabalpur - Lakhanadon of NH-7 in the state of Madhya Pradesh on DBFOT basis	Essel Infra Ltd., Mumbai
26	4-Laning of Bhopal - Biaora of NH-12 in the state of Madhya Pradesh on DBFOT basis	Essel Infra Ltd., Mumbai
27	4 Laning of Birmiritrapur - Barakota section of NH-23 in the State of Orissa on DBFOT Basis	ARSS Infrastructure Projects Ltd.
28	4- Laning of Solapur to Mah- KNT Border Section of NH-	Essel Infra Ltd., Mumbai

	9 in the State of Maharashtra	
29	4- Laning of Bakhtiarpur – Begusarai - Khagaria section of NH-31 in the State of Bihar under NHDP Phase III	Srei - Costal Projects Ltd. Consortium
30	4- Laning of Indore -Ujjain in the state of Madhya Pradesh of SH-27 on BOT basis	Mahakaleshwar Tollways Pvt. Ltd.
31	4- Laning of Talcher – Duburi - Chandikhol section of NH-200 (km 301.89 to km 428.03)including km 8.500 to km 15.75 of nh23 in the state of Orissa	Simplex Infrastructures Pvt.Ltd. – SREI JV
32	2- Laning of Kanaktora to Jharsuguda Section from km 0.000 to 68.000 km NH-200 including bypass at Belpahar (From km 47.1 to km 52.78) In the state of Odisha through PPP and DBFOT basis.	Srei – RKD Consortium
33	6-Laning of Barwa – Adda - Panagarh Section of NH-2 from km 398.240 to km 521.120 in the States of Jharkhand and West Bengal under NHDP Phase V on Toll on DBFOT Pattern	Simplex Infrastructure Ltd.
34	Sardar Patel Ring Road Around Ahmedabad City on Build,Operate and Transfer (BOT) Basis	Sadbhav Infrastructure Ltd.
35	4- Laning of MP/Maharashtra Border - Dhule Section of NH - 3 from Km. 168.500 to Km. 265.000 in the State of Maharashtra	Sadbhav Infrastructure Ltd.
36	4- Laning of Bijapur - Hungund Section of NH - 13 From Km. 102.000 to Km. 202.000 in the State Of Karnataka	Sadbhav Engineering Ltd.
37	4- Laning of Lucknow – Sultanpur section of NH-56 in the State of Uttar Pradesh under NHDP Phase IV through PPP on DBFOT Toll Basis	Sadbhav Engineering Ltd.
38	Four Laning of NH-13 From Solapur– Bijapur in Maharashtra and Karnataka State	Sadbhav Engineering Ltd.

Safety Consultancy Services

Scope of Work

- ❖ Review of road safety and audit systems and procedures being followed both within the country and globally;
- ❖ Assess the broad types and extent of deficiency on study corridors, through field site visits;
- ❖ Develop standard as well as customized checklists for conduct of Road Safety Audit (RSA);
- ❖ Carry out the RSA;
- ❖ Suggest suitable improvement measures/schemes for Project road in design and construction
- ❖ Submission of Initial & Final report

Sr. No.	Project Description	Length (In km.)	Approx Cost (in Millions)	EPC Contractor	Client
1	Safety Consultancy services for Improvement & Augmentation of Thanjavur to Pudukottai section of NH-226 to 2-lane with paved shoulders from km 00.000 to km 55.228 in the State of Tamilnadu under NHDP Phase IV on EPC mode.	55.228	1661.70 Millions	SPL Infra – Gayatri JV	MORTH

Proof Checking Consultancy Services

Scope of Work:

- ❖ Proof checking Consultancy Services involving study of EPC Contract Agreement
- ❖ Review of topographical surveys, alignment marking and other survey related work
- ❖ Review of Traffic survey and analysis
- ❖ Review of Geotechnical & hydrological investigations and analysis
- ❖ Review of Flexible & Rigid pavement Designs and calculations
- ❖ Review of detailed road alignment design and improvement proposal including intersection design
- ❖ Review of Design of all major & minor bridges
- ❖ Review of Highway and intersection design with respect to safety aspect

Sr. No.	Project Description	Length	Approx Cost (in Millions)	Client
1	Proof Checking Consultancy services Jabalpur – Lakhnadone, section of NH7 – existing chainage Km 465+500 to Km 546+600 in the state of Madhya Pradesh under NHDP phase-IV on EPC basis.	80.80 km.	7200.00 Millions	NHAI
2	Proof Checking Consultancy services for Padi – Dahod Section of NH-113 from km. 180 to km. 267 in the state of Gujarat.	87.00 km.	2080.00 Millions	NHAI
3	Proof Checking Consultancy services for Rehabilitation & Up-gradation of NH-221 (New NH-30) from km. 71+200 to km. 121+000 (AP/Telangana Border to Rudrampur Section) in the state of Telangana to 2 lane with paved shoulder under NHDP phase-IV on EPC Basis.	49.80 km.	1560.00 Millions	MORTH
4	Proof Checking Consultancy services for Two Laning with paved shoulders of Jhalawar – Rajasthan / M.P. Border Section of NH-12 in the State of Rajasthan.	62.16 Km.	1773.20 Millions	NHAI
5	Proof Checking Consultancy Services for 2-laning with paved shoulder of Karauli- Dholpur Section of NH-11B from km. 83.960 to km. 184.460 in the state of Rajasthan under NHDP Phase-IV on EPC mode.	100.90 Km.	2950.00 Millions	NHAI
6	Proof Checking Consultancy services for Rehabilitation and Augmentation of NH-765 commencing from Km 23.000 to Km 108.800 i.e. Hyderabad - Dindi section in the State of Andhra Pradesh under NHDP IV on EPC basis	85.8 Km.	2706.6 Millions	MORTH
7	Proof Checking Consultancy services for Rehabilitation and upgradation of existing NH-222 (New NH-61) from Kalyan to Nirmal section to two lane with paved shoulder in the State of Andhra Pradesh under NHDP –IV through EPC Basis	53.32 Km.	1921.70 Millions	MORTH

Sr. No.	Project Description	Length	Approx Cost (in Millions)	Client
8	Proof Checking Consultancy services for Rehabilitation and upgradation of existing NH-365 from Mangalvarpet to Mallampalli section to two lane with paved shoulder in the State of Andhra Pradesh under NHDP –IV through EPC Basis	33.00 Km.	1270.00 Millions	MORTH
9	Proof Checking Consultancy services for Rehabilitation and upgradation of existing NH - 365 from Thanamcherla to Jamandlapally section to two lane with paved shoulder in the State of AP under NHDP –IV through EPC Basis	48.00 Km.	1400.00 Millions	MORTH
10	Proof Checking Consultancy services for Rehabilitation and Upgradation of NH-565 Km 198.694 to 294.000 (Markapuram to VeggamPalle Section) to two lane paved shoulders in the state of Andrapradesh under NHDP-IV through an EPC basis	95.30 Km.	3172 Millions	MORTH
11	Proof Checking Consultancy services for Rehabilitation and Upgradation from Km 294.000 to 361.327 i.e VeggamPalle to Dornala T Junction Section of NH.565 in the state of Andhra Pradesh under NHDP-IV through an EPC.	67.32 Km.	1941.50 Millions	MORTH
12	Proof Checking Consultancy services for Improvement and augmentation of the Tirumayam to Manamadurai section of NH-226 from km 77.200 to km 54.929 (Existing Chainage from Km 72.185 to Km 149.800) (Total Design Length 77.729 km) in the State of Tamil Nadu under NHDP Phase IV on Engineering, Procurement & Construction (EPC) Basis.	77.73 Km.	2525.30 Millions	NHAI
13	Proof Checking Consultancy services for Rehabilitation and Upgradation of Barabanki - Bahraich - Rupaidiha section of NH–28C (Km 43.000 to Km 93.000) in the State of Uttar Pradesh under NHDP– IV on EPC Basis.	50.00 Km.	2148.10 Millions	MORTH
14	Proof Checking Consultancy services for Rehabilitation and Upgradation of Kerala Border to Kollegala section of NH-212 from K.M. 136.600 to 268.475 excluding the stretch from km239.600 to km 241.520 (1.92Km) to Two Laning with Paved Shoulders in the State of Karnataka.	129.33 Km.	3533.80 Millions	MORTH

Lender's Engineer

Scope of Work:

- Review of contract agreement and provide recommendations / suggestions including the EPC contract, O&M contract, etc Provide suggestions / recommendations on the adherence of the technical and commercial aspects of the project contracts including performance guarantees, warranties, liquidated damages, performance bonuses with respect to the general industry practice and adequacy of this to mitigate project risks.
- Review the bill of quantities and other project costs including adequacy of contingencies and providing input based on past experience.
- Review the projected construction program, expenditure schedule and adequacy at site to achieve the projected construction schedule.
- Review, assist and advice about the progress of work on a monthly basis, vis-a-vis program of construction and milestone dates specified in the concession agreement.
- Certify the capital cost incurred and approve request for disbursements during the construction.
- Assessment of variation orders, if any, that may have impact on the EPC cost.
- Assess the arrangements for installation of road side furniture, way side amenities, horticulture and landscaping.

Sr. No.	Project Description	Length	Cost (in Millions)	Lender	Concessionaire	Name of Client
1.	2- Laning of Nadiad – Modasa SH - 59 on BOT basis in the state of Gujarat	108.4 km.	2700	ICICI Bank, Mumbai	DBL Nadiad – Modasa Tollways Ltd.	R & B Department, Govt. of Gujarat.
2.	2- Laning of Savli – Halol Section of State highway no. 150 in the state of Gujarat	24.20 km.	682.10	ICICI Bank, Mumbai	RKC Infrabuilt (Savli- halol) Road Project Ltd.	R & B Department, Govt. of Gujarat.
3.	2- Laning of Tarapur – Khambat Section of State highway no. 16 in the state of Gujarat	26.09 km.	646.50	ICICI Bank, Mumbai	RKC Infrabuilt Road Project Ltd.	R & B Department, Govt. of Gujarat.
4.	2- laning of Sardarpur – Badnawar SH - 35 on BOT- Annuity basis in the state of Madhya Pradesh	43.00 km.	840	Punjab National bank	DBL Sardarpur – Badnawar Tollways Ltd.	Madhya Pradesh Road Development Corporation
5.	2- Laning of Silwani – Sagar-Sultanganj road SH – 15 in the state of Madhya Pradesh on BOT + Annuity basis	76.00 km	1210	Punjab National bank	DBL Silwani – Sultanganj Tollways Ltd.	MPRDC, Bhopal
6.	2- Laning Mundi –Punasa Road in the state of Madhya Pradesh on BOT (Annuity) basis	67.63 km.	1350	Punjab National bank	DBL Mundi – Punasa Tollways Ltd.	MPRDC, Bhopal
7.	2- Laning of Sitamau – Suwasara (MDR) Road on BOT (Toll plus annuity) basis in the state of Madhya Pradesh	39.97 km.	550	Punjab National bank	DBL Sitamau – Suwasara Tollways Ltd.	MPRDC, Bhopal
8.	2- Laning of Uchera – Nagod - Kalingar road section (SH-56) on BOT Basis	55.60 km	1126.60	Punjab National bank	DBL Nagod Kalingar Tollways Ltd.	MPRDC, Bhopal

Pre-bid Engineering

Scope of Work:

- ❖ Study of all related tender documents like draft concession agreement & tender specifications & schedules,
- ❖ Traffic survey, analysis and toll projection,
- ❖ Soil investigation & material engineering including carrying out trial pits and OGL sampling to access the existing sub grade & OGL,
- ❖ Preliminary pavement & alignment design of the road,
- ❖ Condition survey of cross drainage work, proposal for rehabilitation, widening and new construction of bridges & preliminary design,
- ❖ Preparation of GAD & quantity estimation for all major & minor bridges, culverts & grade separators,
- ❖ Identification of borrow areas, quarries & source of other materials required for the project including their suitability with respect to the tender specifications,
- ❖ Preparation of Bill of Quantities including detailed rate analysis & lead chart.

Sr. No.	Project Description	Length	Approx Cost (in Millions)	Client
1	4/6 Laning of Amritsar Pathankot Section of NH-15 under NHDP Phase III on BOT Basis	102 km	7400 Millions	SREI – Valecha – Atlantia S.P.A Consortium
2	2/4 Laning of Mehsana Radhapur, Harij Patan road in the state of Gujarat	95 km	3500 Million	Dineshchandra R Agrawal Infracon
3	6- Laning of Gandhidham - Samakhiali Road Project in the State of Gujarat	56 km	10000 Millions	SREI – Valecha – Atlantia S.P.A
4	6- Laning of Pune-Satara section of NH-4 in the state of Maharashtra	140 km	17000 Millions	SREI-Atlantia-Supreme Consortium
5	4- Laning of Ahmedabad-Godhra and Godhra-Guj/MP border section of NH-59	118 km	9150 Millions	Dilip Buildcon Pvt. Ltd.
6	6- Laning of Belgaum- Dharwad section of NH-4 in the state of Karnataka	78 km	4500 Millions	SREI-Rithwik projects Consortium
7	4- Laning of Lebad-Manpur section of state highway in the state of Madhya Pradesh	34 km	2000 Millions	Varaha Infrastructure Ltd., Jodhpur
8	2- Laning of Ujjain-Nagda-Jaora section of state highway in the state of Madhya Pradesh	95 km	1750 Millions	Sadbhav-DBPL consortium
9	4- Laning of Rimoli-Roxy-Rajamunda Road (NH-215) project in the state of Orissa	96.45 km	60000 Millions	Rithwik Project Ltd, Hyderabad
10	2- Lane of Nadiad – Modasa on BOT basis in the state of Gujarat	108.4 km	2500 Millions	AMR Construction Ltd.
11	4- Laning of Gwalior - Shivpuri Section Of NH-3 in the State of Madhya Pradesh to be executed as BOT basis project on DBFOT pattern	125.3 km	10550 Millions	Essel Infra Ltd, Mumbai
12	4-Laning of Mhow – Ghatabilod Section of SH-27 in the state of Madhya Pradesh on BOT basis	27 km	1772 Millions	Essel Infra Ltd, Mumbai

Sr. No.	Project Description	Length	Approx Cost (in Millions)	Client
13	2- Laning of Bhuj-Bhachau Road section of SH-42 in the state of Gujarat on BOT basis	77 km	2568 Millions	Valecha Engineering Limited
14	4-Laning of Jabalpur - Lakhanadon of NH-7 in the state of Madhya Pradesh on DBFOT basis	81 km	7767 Millions	Essel Infra Ltd, Mumbai
15	4-laning of Bhopal - Biaora of NH-12 in the state of Madhya Pradesh on DBFOT basis	105.6 km	7762 Millions	Essel Infra Ltd, Mumbai
16	4- Laning of Punjab/Haryana Border – Jind Section of NH-71 on DBFOT Basis	68 km	4250 Millions	ARSS Infrastructure Projects Ltd, New Delhi
17	4- Laning of MANGAWAN TO MP/UP BORDER, Section of NH-27 (Km 98/2 to Km 46/6) in the state of Madhya Pradesh on DBFOT basis	52.70 Km	4583.70 Millions	Dilip Buildcon Ltd.
18	2- Laning of Bamkhafata - Dogawa - Via - Borawa - Savardevala Road (23+672 Km) & Punasa - Mundi - Singhaji Road (16+211 Km) & Beed - Mundi - Devala - Khutala - Attoot Road (28+432 Km) in the state of Madhya Pradesh on BOT (Annuity) basis	65.40 Km	1015.30 Millions	Dilip Buildcon Ltd.
20	2- Laning of Sehora – Majhgawan – Silodi MDR Road in the state of Madhya Pradesh On Toll+Annuity Basis	39.85 km	902.70	Dilip Buildcon Ltd.
21	4- Lanning of Satna - Bela section of NH-75 in the State of Madhya Pradesh on (DBFOT) basis.	48.04 km	3343.90 Millions	Essel Infra Ltd, Mumbai
22	Intermediate Laning + 2- Laning of Package-IV (Jaora – Piploda - Sailana, Neemuch - Jawad-Nayagaon, Soyat - Pidawa, Petlawad - Bamniya) Road in the state of MP on BOT (Annuity) basis	87.77 km	1230.90 Millions	Dilip Buildcon Ltd.
23	2- Laning of Paved Shoulder of Bijapur – Gulberga – Homnabad Section of NH- 218 in the State of Karnataka on BOT (Toll) Basis.	220.47 km	6807.30 Millions	Dilip Buildcon Ltd.
24	4- Laning of Jabalpur – Bhopal (NH-12) on BOT Basis	294.21 km	24859.60 Millions	Dilip Buildcon Ltd.
25	2-Laning of Ashoknagar - Vidisha MDR Road on (Toll + Annuity) pattern	35.68 km	844.40 Millions	Dilip Buildcon Ltd.
26	2-Laning of Phulsagar – Niwas - Shahpura Road on Annuity basis in the State of Madhya Pradesh	83.70 km	1550 Millions	Dilip Buildcon Ltd.
27	2-Laning of Garra - Waraseoni up to Maharashtra Border Road on Toll + Annuity basis	46.98 km	937.50 Millions	Dilip Buildcon Ltd.
28	2- Laning with Paved Shoulders of Damoh - Katni Section Sh - 14 in the State of MP on BOT (Toll + Annuity) Basis	117.93 km	2558.40 Millions	Dilip Buildcon Ltd.
29	2-Laning of Betul – Sarni – Tikdhana – Junardeo - Parasia (SH-43) Road on Toll + Annuity basis in	124.10 km	2376.40 Millions	Dilip Buildcon Ltd.

Sr. No.	Project Description	Length	Approx Cost (in Millions)	Client
	State of Madhya Pradesh			
30	Intermediate Laning + 2-Laning of Sijhata – Hinoti -Malgaon – Khamariya, Poudi - Maharajpur - Parsamaniya and Mangawar-Bekunthpur Road on Annuity basis	76.90 km	769 Millions	Dilip Buildcon Ltd.
31	2- Laning with paved shoulders of Jhalawar – Rajasthan / M.P. Border Section of NH-12 in the State of Rajasthan	62.16 km	1773.20 Millions	Dilip Buildcon Ltd.
32	2- Laning with paved shoulders of Lambia - Raipur Section of NH-458 in the State of Rajasthan	52.80 km	1584 Millions	Dilip Buildcon Ltd.
33	Widening & Strengthening to 2- Lane with paved shoulder of Raipur – Jassakhera Section of NH 458 in the state of Rajasthan under NHDP Phase – IV	32.36 km	1493.40 Millions	Dilip Buildcon Ltd.
34	Widening & Strengthening to 2- Lane with paved shoulder of Nimbi Jodha (near Ladnu) – Degana–Merta City Section of NH 458 (Package-I) in the state of Rajasthan under NHDP Phase – IV	139.90 km	3681.50 Millions	Dilip Buildcon Ltd.
35	2- Laning with paved shoulder of the Biaora-MP/Rajasthan Border section of NH-12 through PPP on DBFOT.	61.00 km	2122.00 Millions	Dilip Buildcon Ltd.
36	Intermediate Laning of Tikamgarh(Dhajrai)- Jatara - Palera - Nowguon (MDR) Road on Toll + Annuity basis	13.40 km	1026.40 Millions	Dilip Buildcon Ltd.
37	2 -Laning with paved shoulder of the Ujjain Simhastha Bypass road on Toll + Annuity Basis	14.29 km	706.30 Millions	Dilip Buildcon Ltd.
38	Two Laning with paved shoulders of Bhilwara - Ladpura Section of NH-758 from in the State of Rajasthan under NHDP Phase-IV on Engineering Procurement and Construction (EPC) mode	67.75 km	2401.00 Millions	Dilip Buildcon Ltd.

Some of the Bridges/ Structures designed by ICSP in Road Project



Some of the Bridges/ Structures designed by ICSP in Road Project



Some of the Bridges/ Structures designed by ICSP in Road Project



Detailed Design & Survey Consultancy

Scope of Work:

- ❖ Detailed topographic survey of the road corridor using GPS & Total Station Theodolite,
- ❖ Centerline marking, TBM transferring & OGL recording,
- ❖ Design of centerline, horizontal and vertical curve, junction design, etc
- ❖ Preparation of plan & profile,
- ❖ Condition survey of cross drainage works,
- ❖ Preparation of working cross sections & revised BOQ.

Sr. No.	Project Description	Length	Approx Cost (in Millions)	Client
1.	Rehabilitation & Strengthening of state highway project road from Jabalpur to Amarkantak under MPRDC	220 km	1800 Millions	Sadbhav Engineering Limited
2.	Rehabilitation & Strengthening of state highway project road from Vidhisa to Korwai (SH-19) under MPRDC	74 km	500 Millions	Ketan Construction Limited
3.	Rehabilitation & Strengthening of state highway project road from Biora to Sironj & Guna to Fatehgarh in MP under MPRDC	150 km	2000 Millions	Madhucon Projects Ltd.
4.	Rehabilitation & Strengthening of state highway project road from Chhindwara to Narsingpur in MP under MPRDC	105 km	500 Millions	Monte Carlo Constructions Pvt Ltd.
5.	Rehabilitation & Strengthening of state highway project road from Hoshangabad to Narsulagunj to Khategaon in MP under MPRDC	87 km	400 Millions	N K G Infrastructure Limited, New Delhi
6.	Topographical survey & contouring for ROB's along between JNPT – Umergaon on Western Dedicated Freight Corridor	120 km	-	Dorsch Consult (India) Pvt Ltd, Mumbai

Geotechnical Investigation, Pavement Evaluation & Material Testing

Scope of Work:

- ❖ Carrying out sub soil investigation for bridges and culverts, grade separators
- ❖ Recommendations for type of foundation, depth and bearing capacity with foundation treatment if necessary
- ❖ Investigation for sub grade properties like in-situ density, C.B.R. and other physical properties,
- ❖ Material testing for borrow area and quarry selection and existing crust details,
- ❖ Benkelman Beam Deflection test, dynamic cone penetration test, etc.

Sr. No.	Description of Project	Client
1.	Carrying out Geotechnical investigation for 2-laning of Vidhisa – Korwai Road in the State of Madhya Pradesh	Ketan Construction Limited, Ahmedabad.
2.	Carrying out Geotechnical investigation for 2-laning of Jabalpur – Amarkantak Road in the State of Madhya Pradesh	Monte Carlo Construction Limited, Ahmedabad.
3.	Geotechnical investigation for major & minor bridges along Ahmedabad – Indore Road (NH-59)	Scott Wilson India Pvt. Ltd., New Delhi.
4.	Carrying out geotechnical investigation for ROB's between JNPT – Umergaon on Western Dedicated Freight Corridor	Dorsch Consult (India) Pvt. Ltd., Mumbai
5.	Carrying out geotechnical investigation for ROB in Mundra SEZ	Multi Media Consultants Pvt. Ltd., Ahmedabad
6.	Carrying out Benkelman Beam Deflection Test along various roads in Gujarat	Sheladia Associates Inc, Hyderabad
7.	Carrying out sub grade investigation, material and soil testing for road project in Mundra SEZ	Dorsch Consult (India) Pvt. Ltd., Mumbai
8.	Carrying out sub soil investigation along all major & minor bridges (100 nos) and pavement evaluation for Rajkot – Jamnagar Road project in Gujarat	Sheladia Associates Inc, Hyderabad
9	Carrying out sub soil investigation for structures and along alignment for Satna – Rewa Main canal	Monte Carlo Construction Pvt. Ltd.
10	Carrying out subgrade investigation, borrow area and aggregate testing for various stretches under SHDP in Gujarat	Feedback Ventures Pvt. Ltd., Gandhinagar
11	Carrying our geotechnical investigation, subgrade testing & Benkelman beam deflection testing for 4 laning of Raipur – Bilaspur Road Project	Sheladia Associates Inc, Hyderabad

Sr. No.	Description of Project	Client
12	Carrying out subgrade investigation, borrow area and aggregate testing for Kishangarh-Beawar section of NH-8	Feedback Ventures Pvt. Ltd., Gandhinagar
13	Carrying our geotechnical investigation, for 4 laning of Indore – MP/Guj Border of NH-59 on BOT Basis	Sheladia Associates Inc, Hyderabad
14	Carrying our geotechnical investigation for major bridges along Halol – Godhra – Shamlaji Road on BOT basis	Larsen &Toubro (ECC), Ahmedabad.
15	Carrying our geotechnical investigation and pavement evaluation for 2 laning of Bhind – Mihona – Gopalpur Road project on BOT Basis in the state of Madhya Pradesh	Essel Infra Ltd., Mumbai
16	Carrying out geotechnical investigation along all major & minor bridges and pavement evaluation for Ahmedabad – Godhra Road project on BOT basis in Gujarat	Essel Infra Ltd., Mumbai
17	2- Laning of Lebad SH – 31 –Manpur NH - 3 Road project in the state of Madhya Pradesh	Valecha Engineering - DBL, Mumbai
18	2- Laning of Ujjain – Jaora Road section in the state of Madhya Pradesh	Top Worth Toll Ways Pvt. Ltd., Mumbai
19	4- Laning of Manor-Wada-Bhiwandi section of state highway in Maharashtra	Supreme Infrastructure Pvt. Ltd, Mumbai
20	Strengthening & widening of existing single lane state highway from Chhindwara to Matkuli SH - 19 in Madhya Pradesh to two lane standards.	Keti Infrastructures Limited, Indore
21	Strengthening & widening of existing state highway from Chandupur to Badwani SH - 26 in Madhya Pradesh to two lane standards.	Keti Highway Developers Pvt Limited, Indore
22	Strengthening & widening of existing single lane state highway from Mandsaur to Sitamau Upto Raj Border Sh – 14 in Madhya Pradesh to two lane standards.	Suryavanshi Infrastructure Pvt. Ltd., Bhopal
23	4- Laning of Chikli – Khamgaon section of state highway in Maharastra	Keti Infrastructures Ltd.
24	2- Laning of Badwani – Palsood - Sendhwa Road SH-39 in the state of MP on DBFOT plus Annuity basis	Valecha Engineering, Mumbai
25	4-Laning of Mhow – Ghatbilod Section of SH-27 in the state of Madhya Pradesh on BOT basis	Essel Infra Ltd, Mumbai
26	2/4 Laning of Bhuj-Bhachau Road section of SH-42 in the state of Gujarat on BOT basis	Valecha PBA JV, Mumbai
27	4-Laning of NH-3 from Gwalior to Shivpuri in the state of Madhya Pradesh on DBFOT basis	Essel Infra Ltd, Mumbai

Sr. No.	Description of Project	Client
28	4- Laning of Nagpur-Waingangā Bridge Section of NH-6 in the state of Maharashtra	JMC Projects (India) Ltd
29	4- Laning of Rewa-MP/UP Border of NH-7 in the state of Maharashtra	JMC Projects (India) Ltd
30	2- Laning Mangawan – MP/UP Border section (Part of NH-27) starts Mangawan town from Km. 98/200 to Chakghat village Km. 46/600 connecting with MP/UP Border	Topworth Pvt. Ltd.
31	4– Laning with Paved Shoulder of Section from km 155.00 to 202.897 of NH-75 (Satna - Bela) in the State of Madhya Pradesh on DBFOT Basis	Topworth Pvt. Ltd.

Detailed Engineering, Pre-tendering, Techno-legal advice for Irrigation & Water Supply Projects

Scope of Work:

- ❖ Developing QAP, quality control, survey, investigation, soil testing alignment planning and Design of structures viz. Major and Minor Bridges, Box culverts, pipe culverts, CR, HR, Escapes, Drainage syphone, Canal Syphone, Aqueduct, Super passage, gates, approach roads along the Branch Canals Distributaries & minors and designing project roads.
- ❖ Planning, preparation and checking of design and drawing, study the alignment of project roads, canals, structures and its design, modification in alignment and quantities to suit site requirements, measurement of works, estimation of quantities, unit rate analysis, preparation of bills
- ❖ Survey planning and Designing of command area its Network planning, designing the Roads, small network structures like PFD, OFM, Tail clusters-one way /Two way/End, Turn outs, CSY,DSY, Rasta crossings, parshal flumes, V- notches & Bridges;
- ❖ Assisting in proper interpretation of tender specifications, preparation of terms and conditions of tender & contracts & specification for EPC contracts for canal projects and pumping station projects PMC contracts
- ❖ Designing and detail engineering of Elevated storage Reservoir, pump house, pumping station, substation, underground sump, WTP, STP, WWTP, storm water drainage, sedimentation tank, flocculator, clariflocculator, sand filter, chemical house.
- ❖ Preparing the Arbitration stage papers for the client, techno legal advice, interpretations & contract management.
- ❖ Preparation of Contracts safety manuals and checking of the observing of the same at site.
- ❖ Preparing BOQ, Preparation of drawings, developing appropriate and cost effective solutions as required to suit site condition.

Sr. No.	Project Description	Approx Cost (in Millions)	Client
1	Detailed Engineering Design, Network planning and execution of Bahuti Main Canal RD 18+000 km to 74+000 km and its network of 65000 ha, structures on Main canal, Branch Canal, Distributories and minors.	4390.00	Sadbhav Engineering Limited
2	Detailed Engineering Design for 'Mardanpur Group Water Supply Scheme, Distt. Sehore, M.P.' for ultimate capacity of bringing 25.65 MLD treated water (22 hours flow) from the Source Narmada River, located near Village - Mardanpur, Tehsil –Rehti, District – Sehore, to 182 villages and 2 urban town trial run and running & maintenance of the entire scheme for 10 years.	2660.40	Vishwa Infrastructures and Services Pvt. Ltd. & Dilip Buildcon Ltd.

General Consultant for various Nagarpalika for Water Supply, sewerage, storm water & road network Design & supervision consultancy

Scope of Work:

- ❖ Carrying out topographic & level survey for the city/town
- ❖ Design of water supply, sewerage & storm water network
- ❖ Design of flexible & rigid pavement
- ❖ Design of Elevated Service Reservoir & Underground Sump (ESR & USR)
- ❖ Design of pump house, pumping machinery, rising main, etc
- ❖ Preparation of detailed project report
- ❖ Preparation of tender documents & selection of contractor
- ❖ Third party inspection, quality assurance & supervision

Sr. No.	Description of Project	Approx Cost (in Millions)	Client
1.	Preparing Design, DTP & Construction supervision for UGS, DI pipe rising main, Pipe networking & Pump room of Anklav water supply scheme under UIDSSMT scheme.	30.61 Million	Anklav Nagarpalika
2.	Project Management consultancy services for Pipe line & ESR work under Than water supply scheme	20.12 Million	Thangarh Nagarpalika
3.	Preparation of DPR, DTP & Project Management Consultancy services for providing, Lying of Rising main from Narmada Sump to Heater nagar & ESR sump at Shah Pottery.	20.59 Million	Thangarh Nagarpalika
4.	Project Management consultancy services for 4.5 MLD WTP, 25 MLD UGS & Reservoir at Sojitra under Sojitra Nagarpalika.	40.50 Millions	Sojitra Nagarpalika
5.	Project Management Consultancy for Construction of 2 Nos. of ESR & 25 MLD Sump under 12 th Financial scheme as immediate phase.	10.14 Million	Borsad Nagarpalika
6.	Preparation of DPR, DPT & Providing Project Management Consultancy services for 1.5 Lakh Litre & 7.5 Litre UGS behind Shah Pottery under UDP-56 under Than Nagarpalika	40.50 Million	Thangarh Nagarpalika
7.	Consultancy services for Preparing DPR, DTP &	50.40 Millions	Thangarh Nagarpalika

Sr. No.	Description of Project	Approx Cost (in Millions)	Client
	Providing Project Management Consultancy service for construction of 2 lakh litre capacity & 6 lakh litre capacity SUMP at Dudha talavadi area under Than Nagarpalika		
8.	Preparation of Detailed Project Report, DTP & Supervision for water supply scheme (Immediate measure) for Borsad town	21.70 Million	Borsad Nagar Palika
9.	Preparation of Detailed Project Report for asphalt road from Anand Cross Road to Bus Stand including median kerbs & footpaths	4.00 Million	Borsad Nagar Palika
10.	Preparation of Detailed Project Report & supervision for underground sewer project in Rajofali area	2.80 Million	Borsad Nagar Palika
11.	Preparation of inspection report for findings on collapsed ESR at Mahadev area and structural stability report for ESR in Gymkhana & municipal garden (Borsad)	N.A	Borsad Nagar Palika
12.	Preparation of Detailed Project Report & supervision for storm water drainage system in Borsad town	10 Million	Borsad Nagar Palika
13.	Preparation of Detailed Project Report & supervision for projects under Swarnim Jayanti Mukhya Mantri Shaheri Vikas Yojna	70.00 Million	Borsad Nagar Palika
14.	Preparation of Detailed Project Report for supervision of water supply scheme (Immediate measure) for Nana Vanta	1.5 Million	Anklav Nagar Palika
15.	Preparation of Detailed Project Report & supervision for Shopping Complex under Shree Nidhi Yojna	2.9 Million	Anklav Nagar Palika
16.	Preparation of Detailed Project Report & supervision for projects under Swarnim Jayanti Mukhya Mantri Shaheri Vikas Yojna (13 th Financial Scheme)	30.00 Million	Anklav Nagar Palika
17.	Preparation of Detailed Project Report & supervision for projects under Swarnim Jayanti Mukhya Mantri Shaheri Vikas Yojna (13 th Financial Scheme)	7.5 Million	Anklav Nagar Palika
18.	Preparation of Detailed Project Report & supervision for water drainage project in Anklav town	N. A	Anklav Nagar Palika

Sr. No.	Description of Project	Approx Cost (in Millions)	Client
19.	Project Management consultant for IHSDP of Anklav	92.80 Million	Anklav Nagar Palika
20.	Project Management consultant for water supply scheme for Sojitra under UIDSSMT.	45.7 Million (IN Progress)	Sojitra Nagar Palika
21.	Preparation of detailed project report & Supervision of Road Works under Nirmal Gujarat Yojna (13 th Financial scheme)	10.00 Million	Sojitra Nagar Palika
22.	Preparation of detailed project report & Supervision of office Building under SJMMSVY (13 th Financial Scheme)	5.00 Million	Sojitra Nagar Palika
23.	Preparation of Detailed project report for Road works, Bore, Pumping Machinery, Pump House etc. under ATVT & Special grant for drinking water at Sojitra.	40.00 Million	Sojitra Nagar Palika
24.	Project Management consultant for water supply scheme for Boriyavi under UIDSSMT	25.00 Million	Boriyavi Nagar Palika
25.	Project Management consultant for IHSDP of Boriyavi	40.00 Million	Boriyavi Nagar Palika

Quality Control, Quality Assurance and Project Management Consultancy

Scope of Work:

- ❖ Responsible for all quality control related issues on site
- ❖ Carrying out and supervising various field tests for soil, GSB, WMM, Bituminous layers & concrete works
- ❖ Coordinating the between client and contractor
- ❖ Periodically monitoring the work carried out by the contractor
- ❖ Review of all records and registers, checklist of items & methodology to be adopted & machineries to be used for the work
- ❖ Suggesting the client any modifications/changes required to improve the overall quality of the work.

Sr. No.	Description of Project	Client
1.	Third Party Inspection for development of basic infrastructure facilities in Apparel Park , Khokra, Gujarat Industrial Development Corporation	GIDC, on behalf of Unique Engineering Testing & Advisory Services
2.	Third Party Inspection for development of road and storm water drain in GIDC Vatva	Vatva Estate Industrial Development Ltd,
3.	Quality control & quality assurance for Mandsaur Sitamau Road Project on BOT basis	Survanshi Infrastructure Pvt. Ltd.
4.	Quality control & quality assurance for Vidhisa - Korwai Road Project on BOT basis	Ketan Construction Pvt. Ltd., Ahmedabad
5.	Project Management Consultancy for development of basic infrastructure facilities for TATA Nano Project at Sanand, Gujarat	Sarita Govind Construction Pvt. Ltd., Ahmedabad

Technical Assistance for Preparation of As Built Drawings & Quantity Estimation for Final IPC

Scope of Work:

- ❖ Preparation of as built final cross sections,
- ❖ Preparation of as-built plan & profile for road,
- ❖ Quantity estimation for all work done,
- ❖ Compiling of all available IPC's and preparation of final bill including escalation,
- ❖ Preparation of final as-built drawings for all cross drainage works and minor & major bridges.

Sr. No.	Description of Project	Client
1.	As-built plan & profile, quantity calculations & cross section for State Highway from Hanumangarh to Ratangarh in Rajasthan	Punj Lloyd Limited, New Delhi
2.	Technical services on NH-2 in UP & Bihar (100 km).	Progressive Construction Ltd.
3.	Road project of NH-8, Limdi to Chotila (50 km).	Sadbhav Engineering Ltd.
4.	Ahmedabad-Baroda Express way (48 km).	Ketan Construction Ltd
5.	Kishangarh –Nasirabad stretch of NH-8 (45 km)	Sadbhav Engineering Ltd.
6.	Project roads of Gujarat State Road Project Development (Phase-I) (175 km)	Hindustan Construction Co., Unitech and L&T.
7.	250 kms length of road under Road Maintenance Contracts (RMC Gujarat State) under various contractors.	Ketan Construction Ltd., Backbone Enterprise Ltd, D.R. Agarwal Infracon Pvt Ltd, Ranjit Construction,
8.	Gujarat State Road Project between Rajkot-Morbi and Bharuch-Dahej, Falla-Jamnagar-Khambalia, Padra-Jambusar (Total 230 km)	NCC-Somdatt JV Backbone Enterprise Ltd., MSK Projects.

Technical Assistance for Preparation of IPC's

Scope of Work:

- ❖ Providing services for preparation of monthly Interim Payment Certificate for the contractor from the beginning of the project to its finish,
- ❖ Estimation of all quantities,
- ❖ Preparation of working cross sections, working drawings and coordinating with the supervision consultant.
- ❖ Preparation of final bill & final as built drawings.

Sr. No.	Description of Project	Client
1.	Himmatnagar - Chiloda stretch of NH-8.	Tarmat-BPL-NG (JV)
2.	Gujarat State Highway Project from Falla-Jamnagar and Bagodara-Dholka	KCL-Tarmat-BEL JV, Bridge & Roof
3.	Vidhisa-Korwai Road Project in MP under MPRDC	Ketan Construction Ltd.,

LIST OF EQUIPMENTS WITH THE COMPANY

❖ Lieca GPS 900 System	01 Nos
❖ Trimble Make Total Station Theodolite (1" accuracy)	03 Nos
❖ Sokkia Make Total Station Theodolite (1" accuracy)	03 Nos
❖ Automatic Level	20 Nos
❖ Laptop	10 Nos
❖ Desktop computer	60 Nos
❖ Printer (Black & White)	06 Nos
❖ Printer (Color)	03 Nos.
❖ HP A1 size color plotter	01 Nos
❖ HP Scanner	02 Nos

The hardware is supported by latest software and operating systems so as to maintain ease and efficient work capabilities. The software includes MX Road, AutoCAD Civil 3D, AutoCAD 2010, AutoCAD 2011, AutoCAD LT, Auto plotter, CalQuan, Bentley- Stad Beava, Bentley - Section wizard, Stad Pro, Microsoft Office, Windows XP, etc.

For geotechnical investigation & material testing we have a complete in-house laboratory. It has state of the art testing laboratory to carry out any kind of geotechnical investigation and material testing.

The list of equipments with our soil & material testing laboratory are:

- ❖ 3000 kN Digital Compression Testing Machine with pace rate control
- ❖ Universal testing machine (60 t capacity)
- ❖ Mechanically rotated hydraulic feed rotary machine.
- ❖ Mechanical rotary rig (Calex) – 5 nos.
- ❖ Manual boring equipments - 4 sets.
- ❖ Pressure meter GA capacity 80 bars.
- ❖ I.S. sieve of all sizes.
- ❖ Electronics weigh scales from 0-200 gms to 0-30 kg.
- ❖ Liquid limit apparatus- Casagrande & Cone Penetration type.
- ❖ Shrinkage limit set.
- ❖ Pycknometer and specific gravity bottles.
- ❖ Electrical ovens
- ❖ 50 KN, 30 speeds motorized load frame, Lateral pressure assembly, Constant pressure oil water system, triaxial cell for Triaxial Shear Test.
- ❖ Direct shear apparatus, multiple reversible, 12 speeds.
- ❖ Electronics one-dimensional consolidation apparatus.
- ❖ Universal permeameter with moulds.
- ❖ Automatic & manual compaction (Standard & Heavy) test apparatus.
- ❖ Swelling pressure apparatus.
- ❖ Desiccator cabinet and vacuum pump.
- ❖ Aggregate Impact Value Test Apparatus
- ❖ Aggregate Crushing Value Test Apparatus
- ❖ Universal Penetrometer
- ❖ Ring & ball apparatus.
- ❖ Ductility testing machine fixed with S. S. water bath with set of moulds.

- ❖ Bitumen Softening Point apparatus
 - ❖ Bitumen Flash & Fire point apparatus
 - ❖ Bitumen extractor electrically operated.
 - ❖ Cube and cylinder moulds.
 - ❖ Electrically operated single cube vibrator.
 - ❖ Vicat apparatus with dash point as per I S
 - ❖ Slump cone apparatus.
 - ❖ Blain Air permeameter.
 - ❖ Los Angeles abrasion machine.
 - ❖ Vibrating table for 15 cm cube casting.
 - ❖ Tile flexural strength and abrasion test equipment.
 - ❖ Half bag capacity electrically operated mixture machine.
 - ❖ Benkelman Beam Deflection equipment (3 Nos.)
 - ❖ Dynamic Cone Penetration (DCP) test equipment (2 Nos.)
 - ❖ Nuclear Density Gauge (CPN make)
 - ❖ Pile integrity tester
 - ❖ Pile driving analyzer (for pile dynamic testing)
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Corporate objectives

The objective of Infinite Civil Solutions Pvt Ltd is to serve its clients with skill and diligence, to understand each client's requirements, to provide innovative engineering solutions, value engineering, and to deliver high quality project services on time within reasonable budget. Our specialization and years of experience enables us to achieve the highest quality results within limited time frame. Infinite Civil Solutions Pvt Ltd places considerable emphasis on developing its capabilities in line with the needs of its clients by placing them at the centre of its operation.

INFINITE

Civil Solution Pvt. Ltd.

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