



HIGHWAY AND BRIDGE DESIGN | VALUE AND PRE BID ENGINEERING

PRESENTED BY: KD CIVIL CONSULTANTS LLP



STRENGTH OF STRUCTURE IS OUR EXCELLENCE

KD Civil Consultants LLP is a forward-thinking civil engineering consultancy firm committed to delivering innovative and reliable solutions in the infrastructure sector. Guided by our core belief—"Strength of Structure is Our Excellence"—we specialize in the design of highways, roads, and bridges, including special structures, long-span bridges, and railway bridges. Our expertise also extends to value engineering and pre-bid engineering, helping clients optimize project outcomes from the very start.

With a team of skilled professionals and a focus on technical precision, cost-efficiency, and sustainability, we collaborate with infrastructure developers and contractors to shape resilient and future-ready infrastructure. At KD Civil Consultants LLP, we are driven by a passion for structural excellence and a commitment to engineering that lasts.

EXPERIENCE HIGHLIGHTS

840+KM

National and state highways designed

21+ and **130+**

Major and minor bridge designs completed

12+

Value engineering projects executed (up to 25% cost savings)

07+

Detailed Project Reports (DPRs) delivered across India



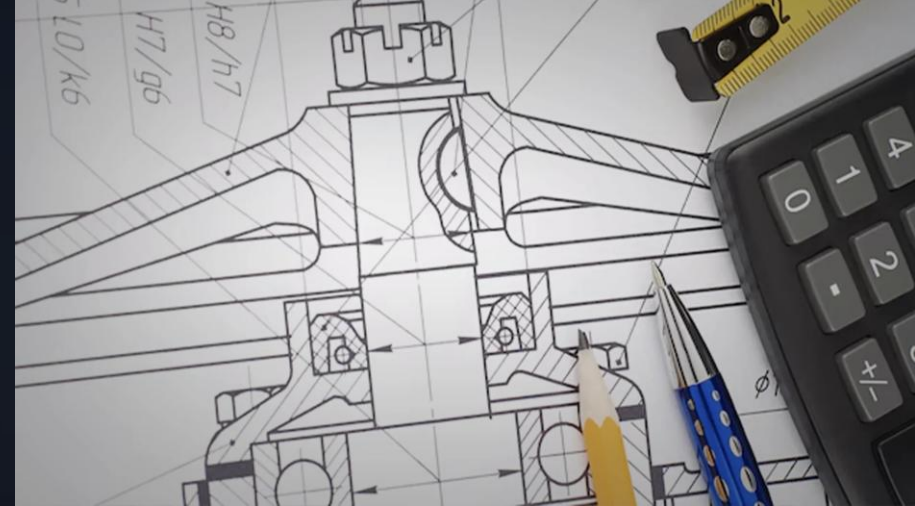
STRENGTH OF STRUCTURE IS OUR EXCELLENCE



PROJECT MANAGEMENT

Our Project Management services oversee every detail from concept to completion, utilizing transparent strategies for robust infrastructure delivery. We proactively mitigate risks, keep schedules on track, and ensure all stakeholders are aligned for successful, timely execution.

- Proactive risk mitigation and control.
- Transparent reporting and communication.
- Expert coordination of all stakeholders.
- Zero compromise on project quality.



DETAILED DESIGN

We transform concepts into actionable blueprints using advanced modeling tools and a multidisciplinary approach for construction. Our comprehensive design packages are precise, supporting error-free construction and long-term project success.

- Transforms concepts into clear blueprints.
- Utilizes advanced 3D modeling tools.
- Supports seamless, error-free execution.
- Multidisciplinary design integration.



PROOF CHECKING

We provide independent, unbiased proof checking to ensure your existing designs are technically flawless before construction begins. This quality assurance guarantees code and safety compliance, building a foundation of trust with all project stakeholders.

- Independent, unbiased design scrutiny.
- Guarantees code and safety compliance.
- Identifies risks before construction starts.
- Delivers clear, actionable audit reports.



PREBID ENGINEERING

Enhance your win rate by preparing robust technical proposals with our detailed Pre-bid engineering expertise. We provide fast, accurate estimates, risk identification, and strong technical evidence to give you a decisive edge in tenders.

- Enhances bids with technical evidence.
- Fast and accurate quantity estimates.
- Detailed planning for better win rates.
- Uncovers risks and opportunities early.

OUR SECTORS



**ROADS, HIGHWAY &
EXPRESSWAYS DESIGN**



BRIDGE DESIGN



URBAN INFRASTRUCTURE



**INDUSTRIAL SHEDS &
BUILDING DESIGN**



**COMMERCIAL BUILDING
DESIGN**

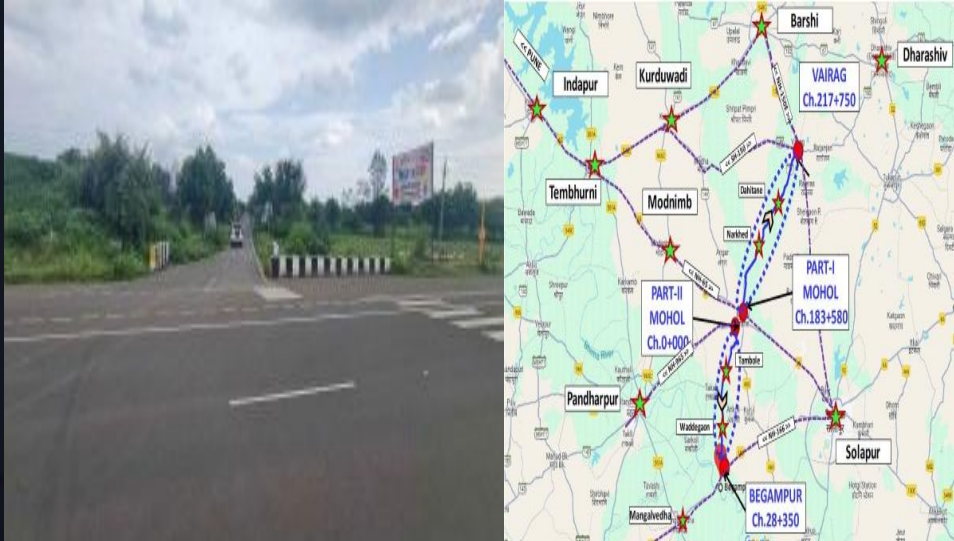


VALUE ENGINEERING

Our service unlocks significant savings and maximizes long-term project value by optimizing materials and methodologies. We focus on efficiency and innovation to ensure maximum Return on Investment (ROI) without compromising performance or safety.

- Achieves savings without sacrificing standards.
- Optimizes materials and methodologies.
- Maximizes long-term ROI for clients.
- Explores efficient, sustainable options.

OUR PROJECTS



Work: Detailed Design

Client- MSIDC

Project Name: EPC- Improvement of satara koregaon mhaswad pandharpur mohol vairag road, sh-141, km. 183/580 to 217/580, tal. Mohol & barshi. Dist. Solapur (total length - 34.00km). & Improvement of mohol tambole saundane warkute aundhi wadedegaon begampur mdr-146, km. 0/000 to 28/400, tal. Mohol. Dist. Solapur (total length-28.40km)



Work: Detailed Design

Client- MSIDC

Project Name: EPC-42-A Improvement of road murtizapur dahigav gudadhi umari akola SH-284 km 0/00 to km 36/ 800-part murtizapur to akola and akola malkapur kanshivani morgaon kakad MDR-19 km 0/00 to km 24/500 and NH -6 to kolambi patur nandapur part NH -6 kolambi to borgaon khurd km 0/00 to km 7/00. (Under EPC).

OUR PROJECTS



Work: Detailed Design

Client- PWD Maharashtra

Project Name: Construction of High Level Bridge With Approaches Across Tapi river in Chopda-khedi-bhokari-bhokar-amoda-kanalada-jalgaon Road Sh-40 at Khedi Bhokari, Dist. Jalgaon in Submergence of Lower Tapi Irrigation Project, Padalsare, Tal. Amalner, Dist. Jalgaon in the State of Maharashtra (on Cost-sharing Basis)

OUR PROJECTS



Work: DPR

Client- MSRDC

Project Name: Upgradation of existing state highway (sh14) from yavatmal to badnera to four lanes divided carriageway with paved shoulders.

Samruddhi to badnera (section-ii)



Work: DPR

Client- MSRDC

Project Name: Upgradation of existing state highway (sh14) from yavatmal to badnera to four lanes divided carriageway with paved shoulders.

Yavatmal to samruddhi (section-i)

OUR PROJECTS



Work: Proof Checking

Client- MSRDC

Project Name: Construction of Access Controlled Expressway Connector to Hindu Hrudaysamrat Balasaheb Thackeray Maharashtra Samruddhi Mahamarg From Jalna to Nanded (Package JNE - 05)

Location: Km 127+840 (Katneshwar, Tq. Purna) to Km 166+330 (Borgaon Telang)

Project Length: 38.490 Km



Work: Proof Checking

Client- MSRDC

Project Name: Construction of Access Controlled Expressway Connector to Hindu Hrudaysamrat Balasaheb Thackeray Maharashtra Samruddhi Mahamarg From Jalna to Nanded (Package JNE - 06)

Location: Borgaon to Expressway and Hingoli Gate to Chhatrapati Chowk.

Project Length: 17.914 Km

OTHER PROJECTS

Sr. No.	Our Client	Authority	Service	Project Name
1	Tejas Super Structure	JAWAHARLAL NEHRU PORT AUTHORITY	Pre Bid Engineering	Freelancing work Prebid Quantity of Detailed Project Report for a Proposed ROB to coastal berth & landing jetty. at JNPA, Sheva, Raigad, Maharashtra
2	Tejas Super Structure	NHAI Karnataka DIV	Pre Bid Engineering	Prebid Quantity of Construction of 4 Lane ROB at Km 40+134 on NH-150 (Kalaburagi-Wadi-Yadgiri Section) including Balance approach work from Km 39+580 to Km 40+065 and from Km 40+203 to Km 40+612 of NH-150 in Kalaburagi District of Karnataka State in EPC mode under NH(O) Annual Plan 2024-25
3	Tejas Super Structure	MORTH, Karnataka DIV	Pre Bid Engineering	Construction of 4 Lane ROB at Km 40+134 on NH-150 (Kalaburagi-Wadi-Yadgiri Section) including Balance approach work from Km 39+580 to Km 40+065 and from Km 40+203 to Km 40+612 of NH-150 in Kalaburagi District of Karnataka State in EPC mode under NH(O) Annual Plan 2024-25
4	Tejas SuperStructure	NHPWD Maharashtra	Pre Bid Engineering	CONSTRUCTION OF ROB WITH APPROACHES AT NERAL KM 522/20-22. (IN LIEU OF LC-20 AT KMS. 522/20-22 BETWEEN NANDURA-JALAMB STATIONS AT BHUSAWAL-BADNERA SECTION OF BHUSAWAL DIVISION).
5	Real Strength Infra	MORTH, Maharashtra DIV	Pre Bid Engineering	Widening, Reconstruction & Upgradation to 2 Lane with Paved Shoulder Configuration for the work of Bhimashankar-Taleghar-Wada-Rajgurunagar Road (NH-60 SPUR) from Design KM 2+928 to KM 63+378 (Design Length=60.450KM) in State of Maharashtra on Hybrid Annuity Mode
6	Real Strength Infra	MORTH, Maharashtra DIV	Pre Bid Engineering	Widening, Reconstruction & Upgradation to 2 Lane with Paved Shoulder configuration for the work of Junnar-Ghodegaon-Taleghar Road (NH-61 Spur) from KM 13+880 to KM 69+820 (Design Length=55.940KM) in State of Maharashtra on Hybrid Annuity Mode

Sr. No.	Our Client	Authority	Service	Project Name
7	INFRA TECH ENGINEERING SERVICESe	M/s. GIPPL -PRL (JV)GOYALA INFRA PROJECTS PVT. LTD. JV WITH PRL PROJECTS & INFRASTRUCTURE LTD.	Detailed Design	Construction of Vehicular Underpass (VUP) @ CH. 210592 (YAWALI) INCLUDING SVUP AT CH. 211139 ON PUNE SOLAPUR PKG II SECTION OF NH65
8	INFRA TECH ENGINEERING SERVICESe	M/s. GIPPL -PRL (JV)GOYALA INFRA PROJECTS PVT. LTD. JV WITH PRL PROJECTS & INFRASTRUCTURE LTD.	Detailed Design	Construction of Vehicular Underpass (VUP) @ ch. 36+585 along with street light work on Solapur Yedshi section of NH-52
9	INFRA TECH ENGINEERING SERVICES	M/s. GIPPL -PRL (JV)GOYALA INFRA PROJECTS PVT. LTD. JV WITH PRL PROJECTS & INFRASTRUCTURE LTD.	Detailed Design	Construction of Service Road from Ch.101+750 to 102+050 BHS
10	INFRA TECH ENGINEERING SERVICES	M/s. GIPPL -PRL (JV)GOYALA INFRA PROJECTS PVT. LTD. JV WITH PRL PROJECTS & INFRASTRUCTURE LTD.	Detailed Design	Construction of ROB at Bhaiya Chowk
11	TRANZTECH SOLUTIONS	MINISTRY OF ROAD TRANSPORT & HIGHWAYS (MoRT&H) (GOVERNMENT OF INDIA) SUPERINTENDING ENGINEER (R&B), NATIONAL HIGHWAYS CIRCLE, NIZAMABAD, TELANGANA STATE	Detailed Design	Improvement to Kalamnuri MSH-07 To NH-161 to Dhanora Dholkyachi Wadi Wakodi Bahbali Belmandal Yehalegaon (Tukaram) to SH-259 Dist. Hingoli MDR-7 km. 0/000 to 29/056" (Under EPC).
12	TRANZTECH SOLUTIONS	PUBLIC WORK DEPARTMENT GOVT. OF MAHARASHTRA PUBLIC WORK DIVISION ARVI	Detailed Design	Widening, Reconstruction & Up gradation to 2 Lane with Paved Shoulder configuration for the work of Junnar-Ghodegaon-Taleghar Road (NH-61 Spur) from KM 13+880 to KM 69+820 (Design Length=55.940Km) in state of Maharashtra on Hybrid Annuity Mode
13	TRANZTECH SOLUTIONS	MH PWD	Detailed Design	EPC 29- "Improvement to Kalamnuri MSH-07 to NH-161 to Dhanora Dholkyachi Wadi Wakodi Bahbali Belmandal Yehalegaon (Tukaram) to SH-259 Dist. Hingoli MDR-7 km. 0/000 to 29/056"(Under EPC).

Sr. No.	Our Client	Authority	Service	Project Name
14	VISHVARATNA INFRASOLUTIONS PVT. LTD.	MH PWD	Detailed Design	EPC 36 – Improvement of Kharda Chausala Salegaon Malegaon Bori Sawargaon Lokhindi Sawargaon Road SH 64 Km 71/000 to 98/930 (Part – Malegaon to Lokhindi Sawargaon) Taluka-Kaij and District – Beed
15	VISHVARATNA INFRASOLUTIONS PVT. LTD.	MH PWD	Detailed Design	EPC-38 Improvement of Mandwa- Mandekhed-Nathara-Kaudgaon Road SH 235 Km 0/000 to 42/000 Taluka-Parali and District –Beed
16	Krushnaji Constro	MH PWD	Detailed Design	Detailed Design of Structures in EPC 54- “Improvements to Kanhe Phata Talev Kusur Khind Suwala Road MDR22 Km 1/00 to 43/00 Tal Maval Dist. Pune”
17	BenchMark Engicon Solutions Pvt. Ltd.	MH PWD	Detailed Design	Rehabilitation & Up-Gradation To 2-Lanes with Paved Shoulder Configuration of Mhaud-Sangola of NH-9656 Chainage From km.159.400 to161.900 & 162.400 to181.900 (Design Chainage from km.32.300 to km34.800 & km35.300 to km56.860) in the State of Maharashtra on EPC Mode
18	BenchMark Engicon Solutions Pvt. Ltd.	MH PWD	Detailed Design	EPC 11 – Improvement of MDR-84 Road from NH-9 (Pune-Solapur) To Khadki – Paravadehi – Shephthalade – Lakadi – Nimboli – Bhawani Nagar- Sasan Kurwii-, New Construction, Widening and Strengthening of existing carriageway in the section of MDR-84 from Km 00/000 to 21/900 (Length- 21.90 km) to two lanes with paved shoulders standards in Tal. Indapur Dist. Pune, Maharashtra on Engineering, Procurement & Construction (EPC) Mode
19	Shivthirth Engineering Services PVT LTD	-	DPR	Krale to Kolhapur Road

COMPANY HIERACHY



OUR PHILOSOPHY

Vision

To lead the future of infrastructure by solving complex problems through smart, sustainable, and long-lasting transportation designs that blend performance with appearance and connect the world intelligently.

Mission

- To deliver high-quality, cost-effective engineering solutions for highways and bridges.
- To apply innovation, technology, and value engineering to every project.
- To exceed client expectations through timely delivery and transparency.
- To contribute to national development through efficient infrastructure.

Values

- **Integrity** – We do what is right, even when no one is watching
- **Innovation** – We use cutting-edge technology and methods to lead design evolution
- **Excellence** – We're committed to accuracy, efficiency, and quality
- **Collaboration** – We believe great design happens through great teamwork
- **Sustainability** – We design for the future with environmental impact in mind.

OUR STRENGTH



Experienced Team

Skilled engineers with expertise in bridges, highways & value engineering

End-to-End Services

Complete support from DPR to pre-bid and detailed design



Cost-Effective Designs

Proven ability to reduce costs without compromising quality

On-Time Delivery

Timely execution with strong project management and coordination

OUR CLIENTS



THANKS!

Do you have any questions?

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