
IDDC ENGINEERS PVT LTD



Indian Prime Minister Shri. Narendra Modi urged "Indian to buy Local and be Vocal about Indian brands"

Team IDDC takes pride in providing the functional asset management system in the form of fully digitized Bridge Management System that was conceptualized, developed and implemented in India by Indian Engineers.



ABOUT US

IDDC Engineers Pvt. Ltd. (IDDC) has been established in 1986 with the aim to provide design and development input to infrastructure projects and continued to retain the original expertise and talent over decades. IDDC is one of the oldest and respected Engineering consulting firms in India and is an ISO 9001: 2015 certified organization. IDDC retains its position in the industry due to continued Research and Innovation. IDDC applies Indian technical powers to provide global solutions and in turn be global leaders in providing technical solutions to infrastructure projects. IDDC is currently working on various fields of Structural Stability Certification, Structural Asset Maintenance Management System (SAMS) Bridge Management System, Infrastructure planning and audit, Architectural & Structural Designs & Detailing, Project Management Services etc.



VISION

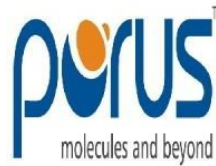
1. Be technically committed to provide solutions that would act as impetus to the socio-economic growth and development of the country and to provide inputs for the betterment of the society and community whom we intend to serve.
2. Be the leader in the sphere of consultancy for any engineering project and; endeavor to sustain and excel upon status. Provide the best technical expertise to enable cost effective, innovation designs and detail for all structures through networking with experts from various spheres.
3. Provide efficient, reliable and growth oriented opportunities and solutions to our clients. Empower our clients and grow with our clients. Provide technical solutions that would ensure the sustenance of the environment without compromising the future of our progeny.



MISSION

1. Strive to achieve excellence in our work aimed at ensuring success for our clients to meet their goal. Sustain our efforts at this excellence to enforce continuity and efficiency.
2. Enforce a work culture, which brings out of the best of our employees in terms of creativity, performance and quality. Ensure all our decision are guided by client's interested and empowerment.
3. Be socially committed to provide equal opportunity to all our employees to grow with the company.
4. Strive to provide solutions that would ensure protection of the environment and help in its sustenance. Such solution shall not endanger the future of next generation

CLIENTS



THE COMPANY

IDDC Engineers Pvt Ltd is a leading engineering firm specializing in providing innovative solutions across various sectors, including Inspection testing and structural stability certification for steel plants, and other industrial structures, designing for defense and other infrastructure projects , conducting condition assessments and surveys for all types of bridges in India, and more. With a strong focus on excellence, integrity, and customer satisfaction.

Sectors & Services

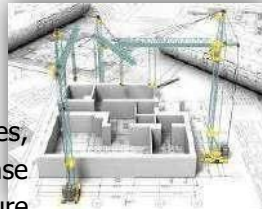
Industrial Sector:

IDDC Engineers specializes in providing comprehensive engineering solutions for industrial and pharmaceutical projects, including plant design, structural stability certification, and conditional assessments. Our expertise ensures optimal performance, efficiency, and safety for industrial facilities of all scales.



Ministry of Defense Sector:

Focused on precision engineering and advanced technologies, IDDC Engineers delivers tailored solutions for defense organization structures. From strategic infrastructure development to specialized commercial design, including conducting soil investigations, we support defense organizations in enhancing their capabilities and safeguarding their structures with our designs.



National Highway Sector:

IDDC Engineers undertakes national highway maintenance projects by conducting structural assessments using non-destructive methods and providing supervision and inspection services for all types of bridges to ensure their structural integrity.



Commercial Sector:

IDDC Engineers provides comprehensive engineering and project management services for a variety of Residential and commercial projects, ranging from office buildings and shopping malls to hotels and mixed-use developments. Our solutions prioritize sustainability, functionality, and aesthetic appeal, tailored to meet the diverse needs of our commercial clients.



Certificate of Registration

This is to Certify that
Quality Management System of

IDDC ENGINEERS PVT. LTD.

45-58-14/1, 2ND FLOOR, NARASIMHANAGAR, VISAKHAPATNAM - 530024,
ANDHRA PRADESH, INDIA.

has been assessed and found to conform to the requirements of

ISO 9001:2015

for the following scope :

PROVIDING ARCHITECTURAL STRUCTURAL DESIGNS, THIRD PARTY
QUALITY CONTROL, PROJECT MANAGEMENT CONSULTANCY FOR
INFRASTRUCTURAL PROJECTS AND NON DESTRUCTIVE TESTING FOR CIVIL
STRUCTURES AND BRIDGE MANAGEMENT SYSTEM, STRUCTURAL
STABILITY CERTIFICATION.

IAF CODE : 34

Certificate No	: 24EQMH94		
Initial Registration Date	: 08/05/2024	Issuance Date	: 08/05/2024
Date of Expiry*	: 07/05/2027		
1st Surv. Due	: 08/04/2025	2nd Surv. Due	: 08/04/2026

Director



Assurance Quality Certification LLC

Head Office: Sharjah Media City, SHAMS, Sharjah, UAE. e-mail: info@aqcworld.com.

Key Location: A-60, Sector - 2, Noida, Uttar Pradesh, 201301, India.

*Validity of the Certificate is subject to successful completion of surveillance audit on or before of due date. (In case surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawn).

Certificate Verification: Please Re-check the validity of certificate at <http://www.aqcworld.com/activeclients.aspx> or www.aqcworld.com at Active Clients. Certificate is the property of Assurance Quality Certification LLC and shall be returned immediately when demanded.

CERTIFICATE OF RECOGNITION AS COMPETENT PERSON

(Issued in pursuance of sub-rule (5) of rule 2A)

No. L. Dis LAE05-12021(68)/83/2023-B SEC-DOF Dt: 01.12.2023

The Director of Factories, Andhra Pradesh, Vijayawada in exercise of the powers conferred under section 2 (ca) of the Factories Act and Rules made there under, hereby recognize.

M/s IDDC engineers Private Limited represented by (1) Sri Harshad Toraskar, (2) Sri Kandi Nitin, Sr. Manager Technical Buildings and (3) Sri Nagaraju Naga, Sr. Engineer to be a competent persons for the purpose of carrying out test, examination inspection and issuing certifications of stability with respect to buildings as stipulated under section 6 and Section 112 in Factories subject to the following conditions.

1. The entire process of proposed services to issuing the certificate of stability of the buildings shall be handled personally at least by one of the above members.
2. The approval of the above two competent persons is valid only for their services rendered through IDDC Engineers Pvt. Ltd, Visakhapatnam only.
3. Tests, examinations and inspections shall be carried out in accordance with the provisions of the Act and rules.
4. Tests, examinations and inspections shall be carried out under direct supervision of the competent person or by a person so authorized by an institution recognized to be a competent person.
5. The certificate of competency issued stands cancelled if the person leaves the organization mentioned in this application.
6. The institution recognized as a competent person shall keep the Chief Inspector informed of the names, designation and qualifications of the person authorized by it to carry out tests, examinations and inspections.
7. The competent person should be physically present at the time of testing and examination.
8. Records of daily work done should be maintained in a log book incorporating therein the details regarding the date, the work done, observations made, directives given etc.,
9. Copies of examination reports in all cases where repairs are ordered and copies of certificates in all cases where any conditions imposed on its use shall be marked to the concerned Deputy Chief Inspector of Factories.
10. Application for renewal of certificate along with copy of the logbook (to be maintained as prescribed vide point No.6 above) furnishing the work done during the period of validity of this certificate, shall be made atleast one month before the expiry of this certificate together with fees prescribed for the purpose;
11. This recognition is subject to constant review and liable to be cancelled if deficiencies come to notice.

The Jurisdiction extends all over Andhra Pradesh.

This certificate is valid from 01.11.2023 to 31.10.2024



OFFICE seal

To
M/s IDDC engineers Pvt. Ltd,
Door No: 45 – 58 – 14/1, 2nd Floor,
Narasimhanagar,
Visakhapatnam – 530 024.

[Signature]
DIRECTOR OF FACTORIES

Copy to:
Stock file



CERTIFICATE OF RECOGNITION AS COMPETENT PERSON
(Issued in pursuance of sub-rule (5) of rule 2A)

No. LDis A4 /446/2024

Dt: 13.02.2024

The Director of Factories, Telangana, Hyderabad in exercise of the powers conferred under section 2 (ca) of the Factories Act, 1948 and Rules made there under, hereby recognize **M/s IDDC Engineers Pvt Limited represented by Sri Kandi Nitin to be** a competent person for the purpose of carrying out tests, examination and issuing **Certification of stability with respect to buildings as stipulated under Section 6 and Rule 112 in Factories Act, 1948** subject to the following conditions.

1. The entire process of proposed services of issuing the certificate of stability of the buildings shall be handled him personally.
2. The approval of the above competent person is valid only for his services rendered through IDDC Engineers Pvt Ltd., only.
3. Tests, examinations and inspections shall be carried out in accordance with the provisions of the Act and Rules.
4. Tests, examinations and inspections shall be carried out under direct supervision of the competent person or by a person so authorized by an institution recognized to be a competent person.
5. The certificate of competency issued stands cancelled if the person leaves the organization mentioned in this application.
6. The institution recognized as a competent person shall keep the Chief Inspector informed of the names, designation and qualifications of the person authorized by it to carry out tests, examinations and inspections.
7. The competent person shall be physically present at the time of testing and examination.
8. Records of daily work done should be maintained in a log book incorporating therein the details regarding the date, the work done, observations made, directives given etc.,
9. Copies of examination reports in all cases where repairs are ordered and copies of certificates in all cases where any conditions imposed on its use shall be marked to the Chief Inspector of Factories (Director of Factories).
10. This recognition is subject to constant review and liable to be cancelled if any deficiencies come to notice.

The Jurisdiction extends all over Telangana. This certificate is valid from **19.11.2023 to 18.11.2024.**

OFFICE seal

To
Sri Kandi Nitin,
C/o M/s IDDC Engineers Pvt. Limited represented
H.No: 6-1/13, Plot No: 13 A,
2nd Floor, SJB Hills, ASR Brundavan Colony,
Bacupally, Medchal-Malkajgiri district - 500 090.
Telangana State.
Mobile No: 99088 73373.



[Handwritten Signature]
Director of Factories
Telangana State
15/2



DIRECTORATE OF FACTORIES & BOILERS : ODISHA :
UNIT-III, KHARAVELA NAGAR, BHUBANESWAR – 751 001 : PH. NO. 0674-2396070

No. VI(E)C 1/23 2470 /Dt. 22/8/2023

To

✓ M/s. IDDC Engineers Pvt. Ltd.,
D. No. 45-58-14/1, Narasimhanagar,
Visakhapatnam, Andhra Pradesh

Sub:- Recognition as competent persons under Rule 3-A of Odisha Factories Rules, 1950.

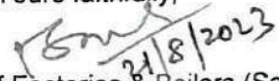
Ref:- Your letter dt. 19.01.2023.

Sir,

In inviting reference to your letter on the subject cited above, please find enclosed herewith the certificates of competent persons duly recognized in favour of Sri Kandi Nitin and Sri Nagaraju Naga under Rule 3-A of Odisha Factories Rules, 1950 for a period of one year subject to the conditions mentioned overleaf of the certificate. Receipt of the same may please be acknowledged.

Encl: As above


Yours faithfully,


21/8/2023
Dy. Director of Factories & Boilers (Safety)

Memo No. 2477 /Dt.

22/8/2023

Copy forwarded to all Zonal Asst. Directors of Factories & Boilers / all Divisional Dy. Directors of Factories & Boilers for information and necessary action.


21/8/2023
Dy. Director of Factories & Boilers (Safety)

CP(O) No. 256/G

DATE 20 / 07 / 2023

CERTIFICATE OF RECOGNITION AS COMPETENT PERSON


(Issued in pursuance of Sec.2(ca) of the Factories Act, 1948)

The Director of Factories & Boilers, Odisha, in exercise of the powers conferred under Sec.2 (ca) of the Factories Act and Rules made thereunder, hereby

Recognise * to **SRI KANDI NITIN**, QUALIFICATION:- **B.E. (CIVIL)**,
D.O.B – 05.12.1977 represented by ** **M/S IDDC ENGINEERS PVT. LTD., D, NO. 45-58-14/1, NARASIMHANAGAR, VISAKHAPATNAM, ANDHRA PRADESH** to be a competent person for the purpose of carrying out test, examination, inspection and certification of Buildings under **Rule 3-A of Odisha Factories Rules, 1950** subject to the conditions mentioned overleaf. The jurisdiction extends all over Odisha.

This certificate is valid from **20.07.2023** to Date **19.07.2024**




 Director of Factories & Boilers, Odisha
Director of Factories & Boilers
Odisha, Bhubaneswar

Revalidation Details

Sl. No.	From	To	Signature of authority

- * Name of the Institution
 ** Name of the Competent Person
 *** a) Buildings b) Hoists c) Lifts d) Chains e) Lifting Machines
 f) Ropes g) Lifting Tackles h) Pressure Plants i) Ventilation System
 j) Confined Space k) Plants & Equipment of dangerous process as applicable

P.T.O

EQUIPMENT LIST

Sr.	Equipment	Nos.
NON DESTRUCTIVE TYPE		
1.	Ultra Pulse Velocity Meter	2
2.	Rebar Locator	2
3.	Thickness Gauge	2
4.	Rebound Hammer	2
5.	Corrosion Potential Half Cell Meter	2
6.	Transient dynamic Response Test (TDR)	2
7.	Resistivity Meter	1
8.	Profometer	1
9.	Carbonation Depth	1
10.	Kits for Corrosion Potential	2
11.	Core Cutter	1
12.	Drilling Machine & Wire 50m	1
COMPUTERS & OFFICE SET UP		
13.	Computers	10
14.	Laptops	2
15.	Printers Laser & Colour	3
16.	Camera (SLR, Digital)	3
SOFTWARES		
17.	STAAD – Pro	1
18.	Auto CAD	2
19.	ETABS	1



TECHNICAL TEAM

Sr.	Name	Qualification	Position & Expertise	In the field since
1	Sitharama Raju Sagi	M. E.	Managing Director	1980
2	Nitin Kandi	B.E. Civil	Vice President	2021
3	Kiran Satyanarayana	M. Tech.(Struct.)	Engineer	2018
4	Sudheer	B.Tech	Engineer	2019
5	Monica	M.Tech	Engineer	2020
6	Suryavarapu Sai	B.Tech	Engineer	2021
7	Srinivas	Diploma	Engineer	2015
8	Vijay	B.Tech	Engineer	2023
9	Manohar	B.Tech	Engineer	2021



SERVICES OFFERED BY IDDC

Distress & Disaster Management:

DISTRESS INVESTIGATION & MANAGEMENT

- **HOUSING:** Large / mass housing complexes, township management.
- **BRIDGES:** ROB, FOB, bridges on water bodies, flyovers, elevated roads, etc.
- **INDUSTRIAL & COMMERCIAL:** Factories, Paper and pulp, Oil and Petroleum, Chemicals, Drugs and Pharma, Cement plants, Storage tanks and Silos, office complex.
- **INFRASTRUCTURE:** Power plants: Thermal, Nuclear, Hydro Irrigation: Dams, Spillways, Canals Transport: Tunnels, Marine, Road, Rail & Aviation structures, etc.



NON DESTRUCTIVE TESTING

- **CONCRETE TESTING:** Ultra Pulse velocity, Rebound hammer, Corrosion and carbonation testing, Core test, Chemical analysis



- **FOUNDATION TESTING:** Transient Dynamic Response tests, SIMBAT, Sonic coring tests
- **ADVANCE TESTING:** Vibration monitoring, Ground penetrating radar system, Low strain integrity tests.
- **LONG TERM MONITORING SYSTEMS:** Embeddable Corrosion monitoring system, Embeddable Carbonation monitoring system, Embeddable strain monitoring system.



Projects executed

Nuclear & Thermal Power Stations, Transmission Lines, Bridges, Irrigation Structures, Industrial Structures, Petroleum Projects, Commercial & Housing Structures



SERVICES OFFERED BY IDDC

Survey & Field Studies

SURVEY

- **TOPOGRAPHIC:** Alignment Survey for Transport Corridors, Utility Corridors, Canals, Oil, Gas, and Water Pipe Corridors. River Basin, Catchments, Industrial, Commercial and Urban Zones.



- **PLAIN TABLE AND CONTOUR:** Housing, Industrial, Transport, Irrigation & Water Resources.

- **GIS:** Geographical Information System Using Satellite Imagery, DGPS, GPS.

- **MARINE SURVEY:** Water Depth Evaluation, River / Nalla / Water Body Profiles.

FIELD STUDIES

- **CADASTRAL SURVEY:** For Land Use / Size and Ownership Details. Demographic Survey.

CONSTRUCTION MATERIAL SURVEY: For Housing, Commercial, Industrial Projects.

- **ANALYSIS & SPECIAL REPORTS:** Generation of 3D Digital Terrain Maps, Digital Contour Maps, Earthwork Estimation Schedules (Based On 3D), Transport Corridor Geometrical (Horizontal & Vertical) Designs, Satellite Maps.

Projects executed

Townships, Special Economic Zone. Irrigation Projects, Road, Highway & Bridge Projects, Industrial Projects, Route Alignment for Various Utilities.

Geotechnical Engineering

SURVEY & INVESTIGATIONS

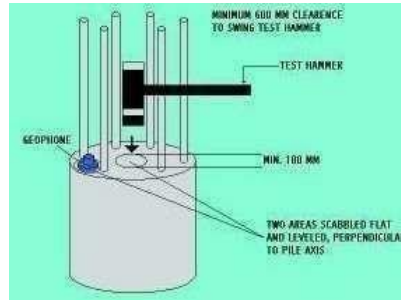
- **GEOTECHNICAL INVESTIGATIONS:** In-Situ Boring, Drilling In Soil And Rock. Sampling, In-Situ Testing. Core Samples, Trial Pit Excavations. Drilling for Inclined Bores And Deep Drilling.
- **LABORATORY TESTING:** Analysis of Soil, Rock Water Samples for Various Engineering Parameters.
- **MICROPILING:** Diameter 100 300 mm.
- **DRILLING, GROUTING & GROUND IMPROVEMENT:** In All Soil Systems for Appropriate Usage.
- **ENGINEERING ANALYSIS & DESIGNS**
- **INVESTIGATION REPORT:** For Housing, Commercial, Industrial Projects.
- **ANALYSIS AND SPECIAL REPORTS:** Designs for all foundation systems and retaining structures.



INTEGRITY TESTING OF PLIES

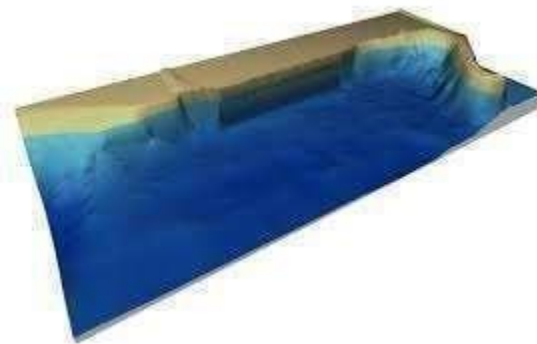
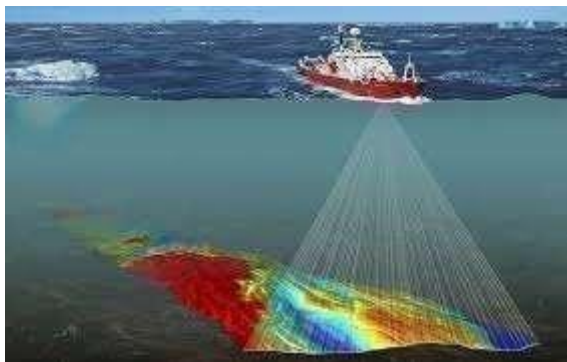
IDDC ENGINEERS PVT. LTD. (IDDC) has proven expertise in field of pile testing. We have completed projects for pile testing all over India.

Some Photographs



BATHYMETRIC SURVEY

A bathymetric survey is the process of mapping the underwater features of a water body, such as a sea, lake, or river, to determine the topography of the seabed or riverbed. This type of survey is crucial for various applications, including navigation, dredging, marine construction, environmental studies, and scientific research.



STRUCTURAL STABILITY CERTIFICATION

Visual inspection and condition survey shall be done for the condition of all concrete or steel structural members and non-structural members, identify the distress if any, record all data of current status, and analyze the data for each structure and give ratings to them based on the current status, identify the cause of distress and submit the report of categorization along with “Structural Stability Certification” with recommendations for interventions based on the category which is arrived at based on cumulative structural rating system.



Client:
RASTRIYA ISPAT NIGAM LIMITED (VIZAG STEEL PLANT)

Visual inspection, Non Destructive Testing and Certification for Structural Stability for the structures Steel Plant, Visakhapatnam.

Client: SAIL BOKARO

Stability Test of RCC Structures OF BS Plant..

Visual inspection for surface damages, cracks, flaking, coloration, local weaknesses, etc and their damage classification. visual inspection shall be carried out by an experienced engineer. simple tools and instruments like camera with flash light, magnifying glass, binoculars gauge for crack width measurement, chisel and hammer, etc shall be used .the visual inspection shall largely cover areas of high distress, cracks and their location, moisture, leakage, abnormal variations in structure, efflorescence, etc. visual inspection would be documented in the form of worksheets, photographic records, distress over drawings, etc.,



S.NO	Client	Description	Date	Value (Rs.)
1	Steel Plant Visakhapatnam	Inspection of steel structures and structural stability certification	20.07.2024	41,55,163.60
2	Sail Bokaro	Stability Test of RCC Structures	16.12.2023	1,07,69,989.45
3	Rourkela Steel Plant	Visual Inspection and structural stability certification	21.01.2024	17,45,380.00
4	Dr.Reddys LaboratoriesLtd, Bachupally	Deetailed inspection, Non destructive testing and report submission	06.06.2024	4,46,600.00
5	Aptoria Unit 4 Pydibheemavaram	Visual Inspection and structural stability certification	10.08.2024	5,50,548.80
6	Aptoria Unit 7 Atchuthapuram	Visual Inspection and structural stability certification	18.07.2024	2,18,021.00
7	Porous Atchuthapuram	Deetailed inspection, Non destructive testing and report submission	02.07.2024	1,98,980.00
8	Dr.Reddys LaboratoriesLtd, Hyderabad FTO-2	Visual Inspection and structural stability certification	25.07.2023	5,45,117.00
9	Dr.Reddys LaboratoriesLtd, (Unit-II)	Structural Stability Certification & Rep Structural stability works for CTO-2plant	15.02.2023	499,533.65
10	GMFC LABS PVT LTD	Detailed Inspection, Non-destructive testing & Structural Stability Certification charges to AtchutapuramPlant	10.02.2023	1,50,000.00
11	Dr. Reddys Laboratories Ltd., (Unit III)	Structural Stability Assesment and Certification charges of Structures forCTO Unit-3.	31.01.2023	812,850.90
12	Dr. Reddy's laboratoriesLtd., (Unit VI)	Structural Stability Assesment and Certification charges of Structures for CTO Unit-6.	31.01.2023	467,083.34
13	Optimus Drugs Pvt. Ltd.	Visual Inspection, Structural Stability Certification	23/01/2023	1,48,880.60
14	Styrax Life Sciences Pvt. Ltd.	Visual Inspection, Structural Stability Certification	06/01/2023	2,57,142.60
15	Biocon Limited	Visual Inspection, Structural Stability Certification	27/12/2022	1,04,964.53
16	Lupin Limited	Visual Inspection, Structural Stability Certification	27/12/2022	1,04,490.00
17	Laurus Labs Unit-5	Visual Inspection, Structural Stability Certification	29.11.2022	2,30,042.50
18	Pfizer Healthcare India Pvt Ltd	Visual Inspection, Structural Stability Certification	03/11/2022	14,41,590.00
19	Ivax Paper Chemicals Pvt Ltd	Visual Inspection, Structural Stability Certification	18/10/2022	1,25,941.00
20	Spar Pharma Pvt Ltd	Visual Inspection, Structural Stability Certification	27/09/2022	1,45,730.87



STRUCTURES INSPECTION, TESTING AND REPAIR

Buildings Bridges, Flyovers, Elevated roads, Industrial Structures of Paper and pulp, Oil and Petroleum, Chemicals, Drugs and Pharma, Cement plants, Storage tanks and Silos, Power plants: Thermal, Nuclear, Hydro Irrigation: Dams, Spillways, Canals Transport: Tunnels, Marine, Road, Rail & Aviation structures Marine Structures of Jetties .Dry docks Etc

NONDESTRUCTIVE TESTING

NON DESTRUCTIVE TESTING FOR STEEL & CONCRETE STRUCTURES: The main activities include visual survey of any type of structure and carrying out various nondestructive tests based on findings of visual survey. This testing includes **CONCRETE TESTING:** Ultra Pulse velocity, Reboundhammer, Corrosion and carbonation testing, Core test, Chemical analysis. **STEEL TESTING:** Ultrasonic Thickness Gauge, Ultrasonic Test, Liquid Penetration Test and Magnetic Particle Test



1. CONDITION SURVEY, INSPECTION, TESTING , REPAIR , REHABILITATION, STRNGTHENING ALONG WITH DESIGN CHECK



(A) ADDITIONAL EQUIPMENT LOADING FOR 22 YEAR OLD STRUCTURE IN DISTRESS

Client: HPCL Visakhapatnam

Inspection, testing, design check, rehabilitation, strengthening , load testing for 22 years old building CDU-

III technological structure of HPCL of area 2412 sq.m. The various RCC members of all structures were investigated element-wise



for a range of defects such as cracks, spalls, crazing, seepage (water) etc. These defects are noted

on the observation sheets, which formed the bulk of the data collected for arriving at **CAUSE OF DISTRESS** Carried out various nondestructive tests like Ultra Pulse velocity, Rebound hammer, Corrosion carbonation, Chemical ,Core tests etc to Reconfirm the cause of distress and after analysis of the same completed the design check for the proposed additional loading with **vetting form IIT Chennai** and suggested the repairs & rehabilitation for the distressed portions of the structure based on



distress levels along strengthening for columns beams wherever required with EBFPR and also have the quality control for the repair system , conducted load tests on critical beams post strengthening and provided the “structural stability certification” for the operations of the plant.

Value: 15,00,000

Duration : 1 year

(B) FIRE AFFECTED STRUCTURE :

Client: HPCL , Visakhapatnam



Inspection, testing,, design check, rehabilitation, strengthening for fire effected and non fire effected structures of HPCL. Detailed investigation and essential non-destructive testing of Grid no: J-8 J-23, L8 L-23 for Ground Floor, First Floor & Second Floor of area 10,728 sq.m.



Visual Inspection was carried out and at necessary places NDT was done i.e, Ultra Pulse velocity, Rebound hammer, Half cell potential ,pull out tests E . Design check, rehabilitation, strengthening ,for both fire effected and non fire effected were carried out.

Value: 21,80,955

Duration : 1 year

2)CONDITION SURVEY, INSPECTION, TESTING , REPAIR , REHABILITATION, STRENGTHENING .

Client: M.N. Dastur& Company (P) Ltd

Health study of existing civil and steel structures for interconnection of TB-4 & 5 discharge lines with cold blast headers 1&2 at RINL VSP. Physical observation is



done i.e. visual survey of all elements of the concrete and steel structures and distress mapping with range of defects such as cracks, spalling, crazing, deformities etc. Preliminary report with analysis of the above data indicating the causes of distress, defining the tests required along with method statements of all test procedures along with possibility of repairs & rehabilitation for the structure based on distress levels are submitted.



Duration: 1 Month





Client: Shriram EPC (Vizag steel Plant)

VSP required structural audit of their structures and accordingly IDDC was commissioned. Civil health study works & Structural health study works with physical



observation and carrying out required Non-Destructive Testing for Sinter Plant 1 & 2. The major parts of structures were steel structures and inspection procedures were accordingly modified.

Value:22,00,000

Duration: 1 Year

S.NO	Client	Description	value
1	Mazagon Dock Limited	Structural Audit & stability certificate of workshop, building, residential buildings	1,400,000
2	MCGM Shimpoli Municipal School	Repair & Upgrade of Shimpoli Municipal School	900,000.00
3	Kyona Dam	Structural audit of Kyona Dam	255,825
4	Reliance Industries, Ghansoli	Structural audit for hypermart at Udhana, Surat	225,000
5	Reliance Industries Limited Patalganga	Structural audit for school & Auditorium	210,000.00
6	MHADB	Structural audit of Padmashali Society Part - II at Dharavi	184,522
7	Reliance Industrial Infrastructure Ltd	Structural Audit of CP station building Patalganga	158,400
8	Canara Bank	Structural audit of canBank House	150,900
9	Navbharat Potteries P. Ltd	Structural audit of Navbharat Estate	107,850
10	Reliance Industrial Infrastructure Ltd	Structural Audit of CP building on JKPL PL Patalganga	105,600
11	The New India Assurance	Structural audit of CTC at Andheri Staff quarters	100,000

NON DESTRUCTIVE TESTS PROJECTS

Sl. No.	Client	Start Date	Value	Description
1	MES Nausenabaugh	Aug 2020	348100	NDT for special repairs to bldg No.P135& 136 JCOS block at Nausenabaughvizag
2	Mantena Constructions Pvt. Ltd.		360,000	Bridge span load test &NDT
3	HPCL	April 2019	1,500,000	NDT
4	Inderdeep Construction Co.		330000	Conducting NDT &sugesting appropriate repairs & rehabilitation system for ROB Mecheda atNH - 41, West Bengal
5	M/s. V.R. Techniche Consultants Pvt. Ltd.	May-17	1,70,00,000	Carrying out condition survey and NDT of Bridges in Andhra Pradesh &Gujarat
6	Reserve Bank of India	22.12.2015	328,000	NDT for Central officebuilding
7	The New India Assurance	08.02.2014	168,225	NDT for structural audit ofSachidanand, sungrace&Andheri staffquarters
8	Reliance Industries LimitedPatalganga	17-12-13	190,000	checking foundation adequacy, carry out NDT i.e.UPV, RHT, Rebar locator and checking verticality by Theodolite of water tank no. 1501
9	Shree Cement Ltd		100,000	NDT tests & remedial measures of Fly Ash SiloShree Power Beawar
26	BDS project Pvt ltd		242,000	Sub contract for NDT testing at ESIC ,Colaba works.
28	Utkal Alumina InternationalLtd		100,000	NDT test of Chimney raft
29	Reliance - nagothane	01-02-10	345,500	NDT of Ethylene TankFoundation
30	PWD, Pune (E) Div	24-10-08	499,000	Visual, NDT, RM for bridge on river Bhima at Pargaon, TalukaShirur, Dist. Pune
31	RIL, Nagothane	30-09-08	244,950	Survey, NDT for pipe rack at LLDPE plant and Chiyodagodown
32	RIL, Nagothane	19-06-08	725,000	Survey, NDT, D/s check forLLD reactor
34	PWD, MCD-V, Mumbai	Feb. 2008	237,000	Survey & NDT for PNB at Charkop
35	Reliance Energy Ltd., Dahanu		496,618	Visual survey & NDT for trestle and tower
36	DGNP		900,000	Visual survey and NDT atSurya dock, Vizag

BRIDGE INSPECTION TESTING & BRIDGE MANAGEMENT SYSTEM.

1. Assignment Name: Providing Developing and Implementing BMS for National Highways in India(IBMS).		Country: India	
Location Within Country: PAN		Professional Staff Provided by your firm/entity: 20	
Name of Employer: Ministry of Road Transport & Highways (MORTH)		Name of Staff: Mr Sachin Joshi	
Address of the employer: Superintendent Engineer for Director General(Road Development).		No. of Staff Months: 3 years Duration of assignment: 3 years	
Start Date (Month/Year) 25 th June 2015	Completion Date (Month/Year) 25 th June 2018	Approx. Value of Services Rs. 7,00,00,000/-	
Name of Associated Consultants, if any: M/s Stantec Consulting international Ltd, Canada.		No. of Months of Professional Staff, provided by Associated Consultants: 3 MM	
Name of Senior Staff (Project Director/Coordinator, Team Leader) involved and functions performed: Team Leader: Mr Sachin Joshi Bridge Engineer: Mr Harshad Dattaram Toraskar Bridge Engineer: Mr LaxmiNarayana /Sourab Chaturvedi BMS Expert: Mr Nikhil Dalvi.			
Narrative Description of Project: Providing Implementing / Establishing Bridge Management System for National Highways in India (BMS)			
Description of Actual Services provided by your Staff: <ul style="list-style-type: none"> • Submission of BMS Manual. • Software Development based on the approval by the Client. • Developing the Software Modules based on specific project requirement. • Training to the shortlisted Field Consultants for executing the work. • Managing the Data base from Field Consultant and status update report submissions to the Client. • Approved Manual developed based on IRC SP 35 and as per the requirement of the Client. The system of data collection and management is developed based on the geographical, analysis requirement of the Client. 			



Assignment Name: Design, Development, Supply, Installation, Testing and Commissioning of Bridge Management System and also execute the field work of Condition Survey, Inspection, Testing digitally upload the data and submit the repair systems methodologies with costs as part of implementing the improved IBMS system as Unified Bridge Management System (UBMS).		Country: India
Location Within Country: PAN		Professional Staff Provided by your firm/entity: 15
Name of Employer: L & T Infrastructure Development Projects Limited.		Name of Staff: Mr Harshad Dattaram Toraskar
Address of the employer: L & T Infrastructure Development Projects Limited Manapakkam, Chennai.		No. of Staff Months: Duration of assignment: Work still in progress.
Start Date (Month /Year) - October 2019	Completion Date (Month /Year) - On going	Approx. Value of Services Rs. 1,86,12,513/-
Name of Associated Consultants, if any: -NIL-		No. of Months of Professional Staff, provided by Associated Consultants: -NIL-
Name of Senior Staff (Project Director/Coordinator, Team Leader) involved and functions performed: Team Leader: Mr Harshad Dattaram Toraskar Senior Engineer: Mr. Rajesh Unnam Engineer: Mr. Manish Rautela Sr .Manager (Investigation): Mr. Menon BMS Expert: Mr Nikhil Dalvi		
Narrative Description of Project: Design, Development, Supply, Installation, Testing and Commissioning of Bridge Management System.		
Description of Actual Services provided by your Staff: <ul style="list-style-type: none"> • Design, Development, supply, installation, testing and commissioning of bridge management system as per the specification and in accordance with IRC SP 35. • Digital collection & analysis of Inventory Condition Survey, Inspection, Testing data of Bridges, Methodology for Repairs, Rehabilitation and Strengthening using MBIU equipment. • Implementation of Bridge Management System and Setting up of Bridge Management Centre (BMC). • Define modules, in detail to implement the same for the entire stretches, submit manual of the module to the employer for its review. • Developed improved Bridge Management with improved digitization of field data collection fields and integrating the Linode based UBMS to AWS of client server along with web Page / Portal. • Data Analysis. • Condition Survey Report and recommendations for any Repair/Rehabilitation as per the provisions of IRC SP:35 and digitization of the same and integrating with existing bridge maintenance module of client • Develop and Conduct onsite Training & Workshops includes training material/manual. • Site Acceptance Test (SAT). 		



Assignment Name: Design, Development, Supply, Installation, Testing and Commissioning of Bridge Management System.		Country: India	
Location Within Country: PAN		Professional Staff Provided by your firm/entity: 10	
Name of Employer: IndInfravit Trust		Name of Staff: Mr.Harshad Dattaram Toraskar	
Address of the employer: IndInfravit Trust Limited P.B.No:979, Manapakkam, Chennai.		No. of Staff Months: duration of assignment: Completed	
Start (Month/Year) October 2019	Date	Completion Date (Month/Year) On going	Approx. Value of Services Rs. 1,40,49, 387/-
Name of Associated Consultants, if any: -NIL		No. of Months of Professional Staff, provided by Associated Consultants: -NIL-	
Name of Senior Staff (Project Director/Coordinator, Team Leader) involved and functions performed: Team Leader: Mr Harshad Dattaram Toraskar Senior Engineer: Mr.Rajesh Unnam Engineer: Mr Manish Rautela Sr .Manager (Investigation): Mr Menon BMS Expert : Mr Nikhil Dalvi			
Narrative Description of Project: Design, Development, Supply, Installation, Testing and Commissioning of Bridge Management System.			
Description of Actual Services provided by your Staff: <ul style="list-style-type: none"> • Design, Development, supply, installation, testing and commissioning of bridge management system as per the specification and in accordance with IRC SP 35. • Digital collection & analysis of Inventory Condition Survey, Inspection, Testing data of Bridges, Methodology for Repairs, Rehabilitation and Strengthening using MBIU equipment. • Implementation of Bridge Management System and Setting up of Bridge Management Centre (BMC). • Define modules, in detail to implement the same for the entire stretches, submit manual of the module to the employer for its review. • Developed improved Bridge Management with improved digitization of field data collection fields and integrating the Linode based UBMS to AWS of client server along with web Page / Portal. • Data Analysis. • Condition Survey Report and recommendations for any Repair/Rehabilitation as per the provisions of IRC SP:35 and digitization of the same and integrating with existing bridge maintenance module of client • Develop and Conduct onsite Training & Workshops includes training material/manual. • Site Acceptance Test (SAT). 			



Assignment Name: Consultancy Service for Bridge Inspection for defects & deficiencies & Providing repair /maintenance methodology.			Country: India
Location Within Country: Bihar, West Bengal & Odisha			Professional Staff Provided by your firm/entity: 10
Name of Employer: Satra Infrastructure Management Services Pvt. Ltd.			Name of Staff: Mr. Rajesh Jakka
Address of the employer: Satra Infrastructure Management Services Pvt. Ltd., Begumpet, Secundrabad.			No. of Staff Months: 3 MM Duration of assignment: 3 MM
Start (Month/Year) February 2018	Date	Completion Date (Month/Year) May 2018	Approx. Value of Services Rs. 1,18,00,000/-
Name of Associated Consultants, if any: -NIL-			No. of Months of Professional Staff, provided by Associated Consultants: -NIL-
Name of Senior Staff (Project Director/Coordinator, Team Leader) involved and functions performed: Team Leader: Mr Rajesh Jakka Senior Engineer: Mr K Suresh			
Narrative Description of Project: Carried out Inventory, Condition, Inspection and Testing of Structures on the 9 project toll gate sections of National Highways for TOT Bundle 2 of total 1054.8 2 lane km length in the state of Bihar, West Bengal & Odisha Major Bridges - 44Nos Minor bridges - 212 Nos Road Over/ Under Bridges - 14Nos Under/Over Passes - 124 Culverts - 575 Nos NDT Testing was carried out on 29 no distressed Bridges along with 43 span was tested.			
Description of Actual Services provided by your Staff: <ul style="list-style-type: none"> • Consultancy Service for Bridge Condition Survey, Inspection and Testing using an MBIU & reports submission for structure wise Repair / Rehabilitation and Strengthening systems. • Carry out the Inventory and Conditional Survey as per IRC SP – 35 , IRC SP -40 special Report-17 of IRC-Highway Research board NDT test as per IS code STM MBIU used for NDT. 			



Assignment Name: Physical Condition of the National Highway Stretches under consideration for award on TollOperate Transfer (TOT) Model.		Country: India	
Location Within Country: Bihar , UP & Jharkand		Professional Staff Provided by your firm/entity: 08	
Name of Employer: Ceinsys Tech Ltd.		Name of Staff: Mr Harshad Dattaram Toraskar	
Address of the employer: Ceinsys Tech Ltd. 10/5, IT Park, opp VNIT Campus,Nagpur.		No. of Staff Months: 3 MM Duration of assignment: 3 MM	
Start (Month/Year) February 2018	Date	Completion Date (Month/Year) May 2018	Approx. Value of Services Rs. 90,00,000/-
Name of Associated Consultants, if any: -NIL-		No. of Months of Professional Staff, provided by Associated Consultants: -NIL-	
Name of Senior Staff (Project Director/Coordinator, Team Leader) involved and functions performed: Team Leader: : Mr Harshad Dattaram Toraskar Senior Engineer: Mr Tumati Kiran Kumar			
Narrative Description of Project: Inventory and Detail Visual Inspection of 9 stretches with 4 lanes of the 640kmlength in the state of UP, Bihar & Jharkhand. <ul style="list-style-type: none"> • Major Bridges - 27 Nos • Minor bridges - 75 Nos • Road Over/ Under Bridges - 19 Nos • Under/Over Passes - 58 • Culverts - 706 Nos • NDT Testing was carried out on 12 no distressed Bridges. 			
Description of Actual Services provided by your Staff: <ul style="list-style-type: none"> • Detail condition report Structure wise and Recommendation of (NDT) for distressed bridges. • Carrying out the Inventory and Conditional Survey as per IRC SP – 35 , IRC SP -40 special Report-17 ofIRC-Highway Research board NDT test as per IS code ASTM. • Condition Survey of the Structures (Bridges / Culverts / ROB / Underpasses). • Collection of GADs & Hydrological Data. • Ratings based on condition of bridges (Structures). • Visual Condition Survey and Supplementary Testing. • Rebound hammer test, Ultrasonic Pulse Velocity test, Carbonation Depth Test, Transient DynamicResponse Test, Infrared Thermography Test, Half Cell Potential Meter Test. • ToT Project Compliance. 			



Assignment Name: Work order for Carrying out condition survey and NDT of Bridges in the state of Andhra Pradesh & Gujarat.			Country: India
Location Within Country: AP & Gujarat			Professional Staff Provided by your firm/entity: 10
Name of Employer: V. R. Technique Consultants Pvt Ltd.			Name of Staff: Mr Harshad Dattaram Toraskar
Address of the employer: V. R. Technique Consultants Pvt Ltd. 1110,Plot.No:7,Advant Navis Business Park, Sector -142, Express way ,Noida.			No. of Staff Months: 4 MM Duration of assignment: 4 MM
Start (Month/Year) May 2017	Date	Completion Date (Month/Year) August 2017	Approx. Value of Services Rs. 1,10,00,000
Name of Associated Consultants, if any: -NIL-			No. of Months of Professional Staff, provided by Associated Consultants: -NIL-
Name of Senior Staff (Project Director/Coordinator, Team Leader) involved and functions performed: Team Leader: Mr Harshad Dattaram Toraskar Senior Engineer: Mr Tumati Kiran Kumar			
Narrative Description of Project: Inventory and Detail Visual Inspection of 9 stretches with 4 lanes of the 680.64km length in Andhra Pradesh, Odisha & Gujarat. Major structures-381 Nos Culverts-1404 Nos NDT Testing was carried out on 26 distressed Bridges.			
Description of Actual Services provided by your Staff: <ul style="list-style-type: none"> Carrying out condition survey & NDT of bridges in AP & Gujarat. Based on the conditional report submitted Balance service life of the bridges based on the conditionalsurvey submitted to the Client. Carried out Inventory and Conditional Survey as per IRC SP – 35. NDT test as per IS code ASTM. MBIU used for NDT testing. 			



Assignment Name: Work order for Carrying out NDT for tests on one of the major bridge at project road near Rajahmundry.		Country: India	
Location Within Country: Rajahmundry		Professional Staff Provided by your firm/entity: 5	
Name of Employer: Cube Highways and Transportation Asset Advisors Pvt. Ltd.		Name of Staff: Mr.Rajesh Jakka	
Address of the employer: Cube Highways and Transportation Asset Advisors Pvt.Ltd. Singapore.		No. of Staff Months: 2 MM Duration of assignment: 2 MM	
Start (Month/Year) March 2019	Date	Completion Date (Month/Year) April 2019	Approx. Value of Services Rs. 4, 83, 500/-
Name of Associated Consultants, if any: -NIL-		No. of Months of Professional Staff, provided by Associated Consultants : -NIL-	
Name of Senior Staff (Project Director/Coordinator, Team Leader) involved and functions performed: Team Leader: Mr Rajesh Jakka Senior Engineer: Mr K Suresh			
Narrative Description of Project: Conducting NDT tests on structures (UPV, RHT and Carbonation test) onProject Chilli.			
Description of Actual Services provided by your Staff: <ul style="list-style-type: none"> • Conducting Ultra-Pulse Velocity, Rebound Hammer, Carbonation test and Rebar locator Tests study onstructures at the project corridors. • Carrying out Core Cutting Testing. • The study report with Detailed analysis, methodology adopted, assumptions made, observations and recommendations on the structural adequacy is submitted. 			



Assignment Name: Conducting NDT on Bridges at Madura Kanyakumari Tollway Limited, Kappalur Toll Plaza, Thirumangalam, Madurai District in the state of Tamil Nadu.		Country: India
Location Within Country: Thirumangalam		Professional Staff Provided by your firm/entity: 6
Name of Employer: Cube Highways and Transportation Asset Advisors Pvt. Ltd.		Name of Staff: Mr.Nitin Kandi
Address of the employer: Cube Highways and Transportation Asset Advisors Pvt.Ltd. Noida-201305 (UP).		No. of Staff Months: 1.5 MM Duration of assignment: 1.5 MM
Start Date (Month/Year) June 2021	Completion Date (Month/Year) July 2021	Approx. Value of Services Rs. 5,40,558/-
Name of Associated Consultants, if any: -NIL-		No. of Months of Professional Staff, provided by Associated Consultants: -NIL-
Name of Senior Staff (Project Director/Coordinator, Team Leader) involved and functions performed: Team Leader: Mr.Nitin Kandi Senior Engineer: Mr P.Sudheer		
Narrative Description of Project: Conducting NDT on Bridges at Madura Kanyakumari Tollway Limited,Kappalur Toll Plaza, Thirumangalam, Madurai District in the state of Tamil Nadu.		
Description of Actual Services provided by your Staff: <ul style="list-style-type: none"> • Conducting Ultra-Pulse Velocity, Rebound Hammer, Carbonation test, cover meter, TDR, Half cellPotential and pH Tests. • Carry out Core Cutting Testing. • Submitted detailed report based on NDT results; that contains Bridge rating, cause based distressidentification, extent of distress and repair and rehabilitation methodology and BOQ. 		



Assignment Name: Conducting NDT on Bridges at Salaipudhur Madurai Tollway Limited, Salaipudhur Toll Plaza, Sattur, Virudhunagar District in the state of Tamil Nadu.		Country: India	
Location Within Country: Sattur		Professional Staff Provided by your firm/entity: 6	
Name of Employer: Cube Highways and Transportation Asset Advisors Pvt. Ltd.		Name of Staff: Mr.Nitin Kandi	
Address of the employer: Cube Highways and Transportation Asset Advisors Pvt.Ltd. Noida-201305 (UP).		No. of Staff Months: 2 MM Duration of assignment: 2 MM	
Start Date (Month/Year) July 2021	Completion Date (Month/Year) Aug 2021	Approx. Value of Services Rs. 7,69,006/-	
Name of Associated Consultants, if any: -NIL-		No. of Months of Professional Staff, provided by Associated Consultants: -NIL-	
Name of Senior Staff (Project Director/Coordinator, Team Leader) involved and functions performed: Team Leader: Mr.Nitin Kandi Senior Engineer: Mr P.Sudheer			
Narrative Description of Project: Conducting NDT on Bridges at Salaipudhur Madurai Tollway Limited,Salaipudhur Toll Plaza, Sattur, Virudhunagar District in the state of Tamil Nadu.			
Description of Actual Services provided by your Staff: <ul style="list-style-type: none"> • Conducting Ultra-Pulse Velocity, Rebound Hammer, Carbonation test, cover meter, TDR, Half cellPotential and pH Tests. • Carrying out Core Cutting Testing. • Submitted detailed report based on NDT results; that contains Bridge rating, cause based distressidentification, extent of distress and repair and rehabilitation methodology and BOQ. 			



Assignment Name: Conducting Visual Inspection, NDT, Repair and Rehabilitation methodology and report submission for Bridges of chainage 10.7889N 76.7195E and 10.7476N 76.6605E Palakkad Dist. in the state of Kerala.		Country: India
Location Within Country: Palakkad		Professional Staff Provided by your firm/entity: 6
Name of Employer: Cube Highways and Transportation Asset Advisors Pvt. Ltd.		Name of Staff: Mr.Nitin Kandi
Address of the employer: Cube Highways and Transportation Asset Advisors Pvt.Ltd. Noida-201305 (U.P).		No. of Staff Months: 2 MM Duration of assignment: 2 MM
Start (Month/Year) December 2021	Date	Completion Date (Month/Year) January 2022
Approx. Value of Services Rs. 5,90,850/-		No. of Months of Professional Staff, provided by Associated Consultants: -NIL-
Name of Associated Consultants, if any: -NIL-		Name of Senior Staff (Project Director/Coordinator, Team Leader) involved and functions performed: Team Leader: Mr.Nitin Kandi Senior Engineer: Mr P.Sudheer
Narrative Description of Project: Conducting Visual Inspection, NDT, Repair and Rehabilitation methodology and report submission for Bridges of chainage 10.7889N 76.7195E and 10.7476N 76.6605E Palakkad Dist., in the state of Kerala.		
Description of Actual Services provided by your Staff: <ul style="list-style-type: none"> • Carrying out Visual inspection for Bridges. • Conducting Ultra-Pulse Velocity, Rebound Hammer, Carbonation test, cover meter, TDR, Half cell Potential and pH Tests. • Carry out Core Cutting Testing. • Submitted detailed report based on NDT results; that contains Bridge rating, cause based distress identification, extent of distress and repair and rehabilitation methodology and BOQ. 		



Assignment Name: Conducting NDT of 11 Bridges and report submission for Thrissur-Angamalli-Edapalli section of NH-47 from km 27 to km 342 in state of Kerala.		Country: India	
Location Within Country: Kerala		Professional Staff Provided by your firm/entity: 6	
Name of Employer: Cube Highways and Transportation Asset Advisors Pvt. Ltd.		Name of Staff: Mr.Nitin Kandi	
Address of the employer: Cube Highways and Transportation Asset Advisors Pvt.Ltd. Singapore.		No. of Staff Months: 2.5 MM Duration of assignment: 2.5 MM	
Start (Month/Year) January 2022	Date	Completion Date (Month/Year) March 2022	Approx. Value of Services Rs. 19,10,420/-
Name of Associated Consultants, if any: -NIL-		No. of Months of Professional Staff, provided by Associated Consultants: -NIL-	
Name of Senior Staff (Project Director/Coordinator, Team Leader) involved and functions performed: Team Leader: Mr.Nitin Kandi Senior Engineer: Mr P.Sudheer			
Narrative Description of Project: Conducting Visual Inspection, NDT, Repair and Rehabilitation methodology and report submission for Bridges of chainage 10.7889N 76.7195E and 10.7476N 76.6605E Palakkad Dist., in the state of Kerala.			
Description of Actual Services provided by your Staff:			
<ul style="list-style-type: none"> • Conducting Ultra-Pulse Velocity, Rebound Hammer, Carbonation test, cover meter, TDR, Half cell Potential and pH Tests. • Carry out Core Cutting Testing. • Submitted detailed report based on NDT results; that contains Bridge rating, cause based distress identification, extent of distress and repair and rehabilitation methodology and BOQ. 			



Assignment Name: Conducting Detailed condition survey with required NDT at Shastri bridge and Preparation of Detailed Project report and Detailed Estimate regarding Repair & Rehabilitation and strengthening of the bridge at District Prayagraj in the state of Uttar Pradesh.		Country: India
Location Within Country: Lucknow		Professional Staff Provided by your firm/entity: 10
Name of Employer: U.P STATE BRIDGE CORPORATION LTD.		Name of Staff: Mr.Rajesh Jakka
Address of the employer: U.P STATE BRIDGE CORPORATION LTD. LUCKNOW		No. of Staff Months: 3 MM Duration of assignment: 3 MM
Start Date (Month/Year) October 2021	Completion Date (Month/Year) January 2022	Approx. Value of Services Rs. 49,79,520/-
Name of Associated Consultants, if any: -NIL-		No. of Months of Professional Staff, provided by Associated Consultants: -NIL-
Name of Senior Staff (Project Director/Coordinator, Team Leader) involved and functions performed: Team Leader: Mr.Rajesh Jakka Senior Engineer: Mr P.Sudheer		
Narrative Description of Project: Conducting Detailed condition survey with required NDT at Shastri bridge and Preparation of Detailed Project report and Detailed Estimate regarding Repair & Rehabilitation and strengthening of the bridge at District Prayagraj in the state of Uttar Pradesh.		
Description of Actual Services provided by your Staff: <ul style="list-style-type: none"> • Conduct the Detailed Inspection of all structural and non-structural elements of bridge structure like piers, pier caps, girders, deck slab bearings, expansion joints, railings, wearing coat etc. for all types of distresses due to aging, corrosion, impact, intensive traffic and loadings in the form of cracking, spalling, delamination, settlement etc and arrive at the primary & secondary causes of distress by correlating the present condition and also past history of the structure. Based on the causes of distress we arrive at the testing requirement in coordination with the department. • Conducting necessary NDT to reconfirm the causes defined during the inspection apart from quantifying the extents based on the test results. • Detailed condition report is submitted based on Bridge Condition Survey, Inspection, Testing Correlating the test results with the cause of distress along with quantified Repair, Rehabilitation, Strengthening and Replacement, Estimate of quantities and Methodologies. . 		



Assignment Name: Conducting Condition Survey and Inspection report of dual bridge on Godavari which connects Kovvuru to Diwancheruvu junction in Rajahmundry.		Country: India
Location Within Country: Rajahmundry		Professional Staff Provided by your firm/entity: 5
Name of Employer: Infotrans Engineers Pvt. Ltd.		Name of Staff: Mr.Nitin Kandi
Address of the employer: Infotrans Engineers Pvt. Ltd. Begumpet, Hyderabad (Telangana).		No. of Staff Months: 1.5 MM Duration of assignment: 1.5 MM
Start (Month/Year) May 2021	Date	Completion Date (Month/Year) June 2022
Name of Associated Consultants, if any: -NIL-		Approx. Value of Services Rs. 3,50,000/-
Name of Senior Staff (Project Director/Coordinator, Team Leader) involved and functions performed: Team Leader: Mr.Nitin Kandi Senior Engineer: Mr P.Sudheer		No. of Months of Professional Staff, provided by Associated Consultants: -NIL-
Narrative Description of Project: Conducting Condition Survey and Inspection report of dual bridge on Godavari which connects Kovvuru to Diwancheruvu junction in Rajahmundry.		
Description of Actual Services provided by your Staff:		
<ul style="list-style-type: none"> • Carrying out Condition Survey and inspection for Bridges. • Submitted Detailed report that contains distress identification, extent of distress, Repair and Rehabilitation methodology. • Bill of Quantities for Repair and Rehabilitation. 		



ARCHITECTURAL AND STRUCTURAL DESIGNING

IEPL has capability for Architectural as well as Structural Designs and well equipped for consultancy solutions undergone roof. IEPL works on the principal of applying science and art of building designing and structural engineering to create elegant and eco-friendly buildings and other structures keeping in mind functions, economy, safety, and aesthetics. Type of buildings vary from commercial, residential and industrial as well as individual buildings to Townscapes as well. We believe in Designs done with innovation & creativity and have experience in the fields like Concept design.



Green Development and provide structural Designs for all types of structures including all types of foundations like pile foundations raft foundations, retaining walls, diaphragm walls etc. as well as structural front elevation assessment, repair and Restoration and provide expert Advantages with IEPL are complete structural and building services design, comprehensive building engineering design, engineering designs through innovation, value addition with improvement in technical design standards and energy optimization design solutions in construction. We also provide Green Engineering services, which can attract tmaximum starred certificates of 'Green Architecture'. This Certification is beneficial in getting discounts from Govt. as well as to fetch more sellingprice in Market.

Recent Projects:

1) Client: Coast Guard (DHQ-6)

Architectural and Structural design consultancy for Extension of officer's mess at malkapuram. Based on the client requirement prepared a conceptual models and submitted architectural and structural designs. Analysis, Design, Detailing and supply of complete Structural Drawings based on approved Architectural drawings in respect of RCC facilities with foundation.



2) Client: Military Engineer Services

Architectural and Structural design consultancy for Provision of watch tower no.3 at MO (V), Visakhapatnam. The structural designing was done based on the loading parameters gave by the client. Analysis, Design, Detailing and supply of complete Structural Drawings based on approved Architectural drawings in respect of RCC facilities with foundation.

3) Client: Military Engineer Services

Structural design consultancy for Alteration of Lakshya squadron, Visakhapatnam. The structural designing for EOT crane of carrying capacity of 1 Ton as per client requirement. Analysis, Design, Detailing and supply of complete Structural Drawings in respect of RCC facilities with foundation.



4) Client: Escentia Life Sciences

Structural design consultancy for Production block (G+2) at Atchuthapuram. Based structural designing was done. Analysis, Design, Detailing and supply of complete Architectural drawings in respect of RCC facilities with foundation.

5) Client: Military Engineer Services

Architectural and Structural design consultancy for Deficient sailors married accommodation at Visakhapatnam. The client requires 3D conceptual in architectural designing. Based on the client requirement prepared a conceptual models and submitted architectural and structural designs. Analysis, Design, Detailing and supply of complete Structural Drawings based on approved Architectural drawings.



6) Client: Mankind Pharma - JPR LABS PVT. LTD

Structural design consultancy for Production block-2. Based on the old production block-2, encased the existing steel columns with RCC. Analysis, Design, Detailing and supply of complete Structural Drawings based on approved Architectural drawings in respect of RCC facilities with foundation.



7) Client: Escentia Life Sciences

Structural design consultancy for SRS block, foundations. The structural designing was done based on the loading parameters gave by the client. Analysis, Design, Detailing and supply of complete Structural Drawings based on approved Architectural drawings in respect of RCC facilities with foundation.

8) Client: PJR PROJECTS

Structural design consultancy for Design of double lane C.C road and adjacent drains. Based on the soil report Analysis, Design, Detailing and supply of layouts and typical sections.

9) Client: Military Engineer Services

Structural consultancy for provision for Design of precision approach radar building, radar pedestal and parking shed. The design of secant pile wall was done for supporting the tunnel. Analysis, Design, Detailing and supply of complete Structural Drawings.



10) Client: Bhartiya Infra Projects Ltd.

Structural consultancy for Design of secant pile wall system for tunnel- 4, portal 2 area (Northeast Frontier Railways). The design of secant pile wall was done for supporting the tunnel. Analysis, Design, Detailing and supply of complete Structural Drawings.



11) Client: GVK BIO SCIENCES

Structural design consultancy for provision of Hydrogenation block. Based on the approved architectural drawing the structural designing was done. Analysis, Design, Detailing and supply of complete Structural Drawings in respect of RCC / Steel structures/ facilities with foundation at Visakhapatnam.



12) Client: Mankind Pharma-JPR LABS PVT. LTD.

Structural design consultancy for Production block-1. Based on the approved architectural drawing and the loading parameters structural designing was done. Analysis, Design, Detailing and supply of complete Structural Drawings based on approved Architectural drawings in respect of RCC facilities with foundation.



13) Client: Military Engineer Services

Structural design consultancy for provn of deficient DSC married accommodation for 48 nos. ORS at INS Kalinga, Visakhapatnam. The client requires detail designing and estimation for the project. Based on the approved architectural drawing the structural designing was done. Analysis, Design, Detailing and supply of complete Structural Drawings in respect of RCC facilities with foundation at Visakhapatnam .The detailed estimation for all structural drawings and architectural drawings of the structure is submitted.

14) Client: Military Engineer Services

Provision for design of pump house building of 90sqmtr area with rest room (toilet) and UG sump of 3.00 lakh gallon capacity at INS EKSILA, Visakhapatnam. The Structural design and detailing were done based on the approved architectural drawings. Detailing and working drawings were generated for execution of the work on site.



15) Client: KSR INFRA.

Structural consultancy for **DESIGN OF SECANT PILE WALL FOR PROPOSED MULTIPLEX AT SURYARAOPETA(V), KAKINADA.** Analysis, Design, Detailing and supply of complete Structural Drawings

16) Client: Military Engineer Services

Structural design consultancy for provn of twenty seven classrooms at primary wing NCS Nausenabaugh, Visakhapatnam. The client requires detail designing and estimation for the project. Based on the approved architectural drawing the structural designing was done Analysis, Design, Detailing and supply of complete Structural Drawings in respect of RCC / Steel structures/ facilities with foundation at Visakhapatnam .



The detailed estimation for all structural drawings and architectural drawings of the structure is submitted.

17) Client: Military Engineer Services

Provision for design of pump house building of 60 sqmtr area with rest room (toilet) and UG sump of 3.00 lakh gallon capacity at 104 area, Visakhapatnam. The Structural design and detailing were done based on the approved architectural drawings. Detailing and working drawings were generated for execution of the work on site.



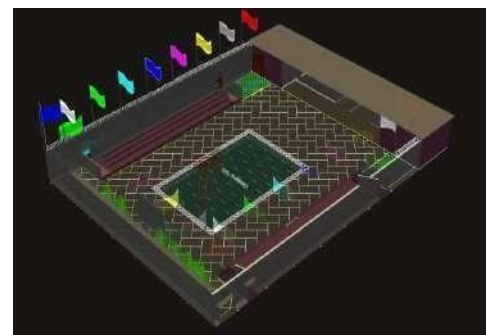
18) Client: Military Engineer Services

Provision for design of pump house building of 90sqmtr area with rest room (toilet) and UG sump of 3.00 lakh gallon capacity at dolphin hill area, Visakhapatnam. The Structural design and detailing were done based on the approved architectural drawings. Detailing and working drawings were generated for execution of the work on site.



19) Client: Sainik School

SAINIK SCHOOL - SWIMMING POOL Project Management Consultancy for the work of Construction - PMC Proposal for architectural plan and estimates, modifications of the swimming pool area at Sainik School Korukonda, Vizianagaram IDDC is conceptualized the layout as per the details provided. Based on the concept developed detailed architectural drawings were complete



PROJECTS EXECUTED



SHARVANI VENTURES



BRANDIX



ROURKELA STEEL PLANT (ORISSA)



SAIL BOKARO



STEEL PLANT (VISAKHAPATNAM) JUST STARTED



HPCL

PROJECT MANAGEMENT SERVICES

SHARAVANI VENTURES , HYDERABAD



Design and Project Management services	Divya Teja Developers	2005 - 08	The job needed proper planning and estimation and supervision for the layout including quality control and concept design for the layout.
Bill Certification and Quality Inspection	Brandix Apparel city	2007 - 09	IDDC was awarded the work of quality control and Bill certification on Road works, drains, water pipe line works, effluent treatment plant, common park building.
Interior work of office area at various location in Mumbai and near by	The New India Assurance Co. Ltd.	2011-14	IDDC was awarded the work of Project Management for renovating their various offices in Mumbai and Navi Mumbai. The assigned work was start from conceptualization till handing over the completed work.
Renovation & Interior work of MRO V at Belapur	The New India Assurance Co. Ltd.	2011 - 12	
Interior and Civil repairs	The New India Assurance Co. Ltd.	2011 - 12	
Internal paintings and repairs and development of parking area.	The New India Assurance Co. Ltd.	2011 - 12	
Architect for providing vitrified	The New India Assurance Co. Ltd.	2012 - 13	
Architect interior	The New India Assurance Co. Ltd.	2013 -14	
Construction of new head office Building in Mangalore	South Kanara District central Coop Bank Ltd.	2013-15	

