



Competence







Commitment

Confidence

MEMBER OF TPF GROUP

- Geotechnical Engineering
- Highway & Bridge Design
- Railway Engineering
- Engineering Survey
- Geophysical & ND Testing

CETEST
Engineering Consultants
An ISO 9001,14001 & 45001 Certified Company
C. E. Testing Company Pvt. Ltd.

CETEST
Engineering Consultants
AN IS/ISO 9001 : 2015 CERTIFIED COMPANY

ABOUT US



C.E. Testing Company (P) Ltd. (CETEST) is a professionally managed, multidisciplinary consulting engineering firm in the domain of Geo technical Engineering, Surveying, and Highway & Bridge Design. It was founded in 1985 as a Soil Testing firm. Even though it had a humble beginning, the company has grown steadily over the years and has successfully rendered customized professional services in various fields. CETEST initially focused on Geotechnical Engineering and consistently maintained its leadership position in that sector. In a span of 40 years, the company has made its presence felt in the entire country. With a steady growth in Geotechnical Consultancy in the last decade, the firm has established itself in Engineering Survey, Highway & Bridge Engineering.

For more information please visit www.cetestindia.com

CETEST is also a member of the TPF group, a multinational, multi-disciplinary Consultancy Organization, headquartered in Brussels (Belgium). TPF is active in the fields of Airports, Buildings, Hospitals, Bridges, flyovers, Roads, Viaducts, Motorways, Express ways, Tunnels, Energy audits, Industrial Plants, Water and waste water Plants, Utilities. TPF group is one of the World's fastest growing engineering, architecture and management consultancy groups with more than 4200 employees around the world and a turnover of more than 254 million Euros. For more information, please visit www.tpf.eu

MISSION

Strive to be known for reliability and performance, providing exceptional value to clients, and working to continuously improve skill-sets to provide innovative solutions.
That's what CETEST stands for. And that is what makes the company a trusted name.

SUCCESS

CETEST knows that successful projects are the result of mobilizing a variety of resources, quickly and efficiently, for the completion of the job. All company employees, vendors, subcontractors and equipment are the critical resources that effect the quality and cost-effectiveness of a project. The firm's seasoned workforce gives CETEST an edge in keeping projects on time and within budget.

And success evolves from a singular focus on 'Quality'.

CETEST TEAM

CETEST has a strong & dedicated team of more than 235 people from various professional fields like Civil, Structural, Geotechnical and Foundation Engineering; Piling, Highway Engineering, Bridge Design, Geology, Survey Engineering, Environmental, Social, Economics, Traffic Surveying, Management & Finance, etc.

GEOTECHNICAL ENGINEERING

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In last 40 years, CETEST has completed more than 4,000 projects in various industries in different parts of India. Today, the company is a leading name in Geotechnical & Geological Sub-surface Investigation, Field & Laboratory Testing and Analysis and Foundation Consultancy. CETEST is proud to have one of the best equipped soil & rock testing laboratories in India and a fleet of more than 60 Boring/- Drilling Rigs.

HIGHWAY ENGINEERING

In Highway design, CETEST has commendable achievements in providing consultancy services (DPR/Feasibility/Detailed Design) for more than 100 projects, comprising more than 10,000 Km of roads & highways (National Highways, State Highways, Other Roads etc.) in various parts of India, including foreign aided (WB, ADB, JICA, etc) projects. CETEST is one of the very few consulting companies which can provide in-house services of Engineering Survey, Geotechnical & Design to its clients.

BRIDGE/ STRUCTURE DESIGN

CETEST has completed more than 50 projects in Bridge/ Structure Design in the last 20 years for various highways in the different states of India. We have the experience of design completion of more than 1000 Bridges/Structures (Major & Minor Bridges, Flyover, Elevated Corridor, ROB, RUB, Underpass, Overpass, CD structures etc.) of different types. With in-house Geo technical, Engineering Survey & Design Teams, CETEST is a one-stop quality solution for Bridge Engineering.

RAILWAY ENGINEERING

CETEST has completed more than 10 projects in Railway Engineering in the last 10 years in the different states of India. The experience includes FLS, Alignment Design, Structural Design of Bridges, Yard Plan preparation etc.

GEOPHYSICAL & NON-DESTRUCTIVE TESTING

CETEST offers services for various Geophysical Tests like Seismic Refraction, Cross Hole, Down Hole, ERT, Dipole - Dipole Sounding, Ground Utility, Vertical Electrical Sounding, Underground Water Survey Pile Integrity Test, Dynamic Test and various Non-Destructive Tests.

ENGINEERING SURVEY

With the use of state-of-art equipment like Drone, DGPS, Li DAR, Total Station, Auto Level, Echo Sounder, GPR etc. in last 40 years, CETEST has completed more than 3,000 jobs for various engineering surveys like Topographical, Hydro graphical & Route Surveying.

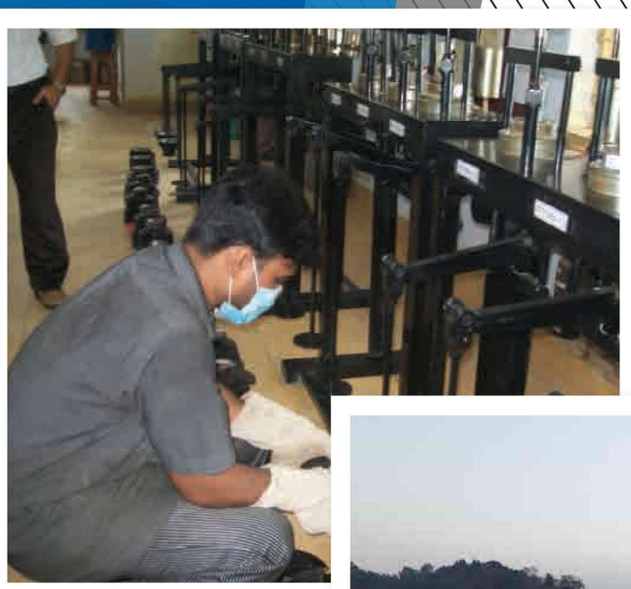







SERVICES

CETEST
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GEOTECHNICAL ENGINEERING

Field Exploration & Testing

- Different types of Boring & Drilling
- Trial pits with large undisturbed sampling, bulk sampling
- Standard Penetration Test & Dynamic Cone Penetration Test
- Static Cone Penetration Test and Vane Shear Test
- Permeability Test (Pumping-out & Pumping-in tests)
- Plate Load Test & Pile Load Test
- Electrical Resistivity and Seismic Refraction test
- Block Vibration Test, Cyclic Plate Load Test and Cross Hole Test
- Determination of California Bearing Ratio

Laboratory Testing

- Strength Tests like - Triaxial Shear Test (Unconsolidated Undrained, Consolidated Undrained with pore pressure measurement, Consolidated Drained), Unconfined Compression Test, Direct Shear Test, Vane Shear Test.
- Proctor Density Test (Standard & Modified)
- Consolidation Tests
- General Tests for determination of Index Properties of Soil
- Tests for determination of Consistency Limits of soil
- Measurement of Swelling Pressure & Swelling Index
- Permeability Test (Falling head & Constant head method)
- Determination of California Bearing Ratio
- Determination of Crushing Strength and Co-efficient of softening of Rocks
- Point Load Test for determination of Tensile Strength of Rocks
- Chemical Test of Soil & Water Samples for determining pH value and concentration of ions

Foundation Consultancy

- Calculation of Bearing capacity of soil and settlement of foundation
- Design of foundation for different sub-soil conditions
- Slope-stability analysis for Embankments, Dams, Retaining walls etc.
- Evaluation of Soil-reports prepared by other parties

GEOTECHNICAL INVESTIGATION WORKS

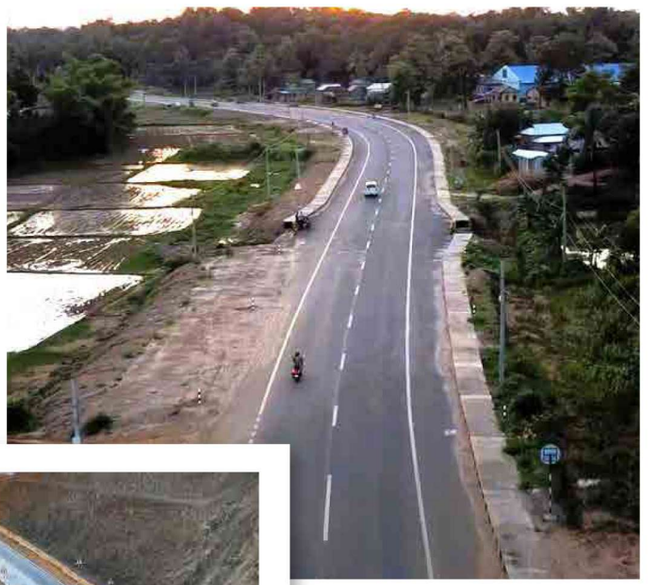
Job No.	Name of Client	Description of the Project	Fees Rs. (Lakhs)
		Geotechnical Investigation Works for Steel, Aluminum, Cement Plant Projects	
4663	MECON Ltd, Ranchi	Proposed expansion of Durgapur Steel Plant (DSP) of SAIL, Durgapur, WB.	115
4654	Neelachal Ispat Nigam Ltd Kalinganagar	Proposed Expansion of Neelachal Ispat Nigam Limited at Duburi, Odisha.	359
4614	TATA Steel Ltd, Kalinganagar	Proposed Phase-3 expansion at Kalinganagar, Odisha.	412
4495	JSW Steel Limited, Barbil	CPU, Benefication Unit and Township for all mines at Barbil, Odisha.	149
4432	BALCO, Korba	Geotechnical Investigation work for 510 KT/A. Smelter Expansion Project, BALCO, Korba.	98
4369	TATA Steel, Noamundi	Proposed Slurry Pipeline from Noamundi to TATA Steel, Jamshedpur and Joda to TATA Steel, Kalinganagar.	299
4095	National Aluminum Co.Ltd.	5th Stream Alumina Refinery at Damonjodi, Odisha and Port Facilities at Visakhapatnam.	89
3592	Bhushan Power & Steel Ltd.	Integrated Steel Plant at Rengali, Sambalpur, Orissa.	62
2654	TATA Steel Limited	Khondbond Iron Ore Mines, Orissa.	102
2194	Vedanta Alumina Limited	3x1.0 MMTPA Alumina Refinery project at Lanjigarh, Dist. Kalahandi, Orissa.	81
2183	Vedanta Alumina Limited	Proposed Smelter Project site at Jharsuguda, Orissa.	106
		Geotechnical Investigation Works for Power Plant/ Nuclear Power Projects	
4433	BARC, Kalapakkam	New NSDF-II sites of CWMF, INFP, Kalapakkam.	102
4282	BARC, Mysore	Building number 31 & 32 at BARC Plant site, Mysore	110
4153	HTG Engineering Pvt. Ltd	2x800 MW Godda Ultra Super Critical Thermal Power Project	137
4115	BHEL, Chennai	2x 660 MW Undangudi Supercritical Thermal Power Project, Tamil Nadu.	94
4099	BHEL, Nagpur	3x800 MW PVUNL, Patratu STTP, Jharkhand.	187
2878	NTPC Ltd, Barethi	Barheti Super Thermal Power Project.	106
3931	TATA Projects, Scunderbad	1x800 MW Telangana Super TPP Phase-I at Ramagundam	71
3684	Shandong Teijun Electric Power Engineering Co. Ltd Chittagong, Bangladesh.	2x 660 MW Coal Based Supercritical Power Plant at Chittagong, Bangladesh.	362
3401	BHEL, Kolkata	3x660 MW North Karanpura Super Thermal Power Project, Jharkhand	93
2569	Reliance Infrastructure Ltd.	Additional Soil Investigation on South Side of Plot of SASAN II for 6x 660 MW SASAN, UMPP.	52
2574	SEPCOIII Electric Power Construction Corporation	IL&FS Power Plant at Cuddulore, Tamil Nadu	188
2171	Sasan Power Limited	Sasan Ultra Mega Power Project (6x600 MW) at Madhya Pradesh	131
1624	Nuclear Power Corp. Ltd.	700 MW Rajasthan Atomic Power Project (Units 7 and 8) at Rawatbhata, Rajasthan.	48

GEOTECHNICAL INVESTIGATION WORKS

Job No.	Name of Client	Description of the Project	Fees Rs. (Lakhs)
		Geotechnical Investigation Works for Petrochemical/ Gas/ Oil Refinery Projects	
4024	Engineers India Ltd, Delhi	Dhobi - Durgapur Pipeline Project of M/s. GAIL India Limited.	103
3972	Mangalore Refinery and Petrochemicals Ltd.	BS-VI Projects of MRPL, Mangalore.	24
3906	Haldia Petrochemicals Ltd.	Butyne-1 PYGAS Desulphirisation Project & Offsites at HPL Complex, Haldia.	16
3298	Technip KT India Limited, Noida	Vashishtha - Onshore Gas Facilities of ONGC at Odalarevu	14
2343	ONGC - Tripura Power Co.Ltd., New Delhi	726.6 MW ONGC-Tripura Combined Cycle Power Project at Palatana, Tripura.	17
		Geotechnical Investigation Works for Railway Projects	
4596	Aarvee Associates, Hyderabad	Rajkharsawan to Andal Section of East West Corridor of DSFCC	211
4573	RITES - Aarvee JV, Gurgaon	Dual Gauge Railway Line from Bogura to Shahid M. Mansur Ali Station of Bangladesh Railway.	167
4560	Rail Vikas Nigam Ltd, Nagpur	Yavatlal - Nandal New B.G. Line Project in the state of Maharastra.	131
4050	Geoconsult-RITES (JV)	Lumding-Silchar BG Rail Line.	172
3300	NF Railway, Agartala	New BG Railway line of Agartala Sabroom Project.	95
3291	Ircon International Ltd.	New BG Electrified Rail Corridor, from Kharsia - Dharamjaygarh in Raigarg Dist. Chattisgarh.	44
		Geotechnical Investigation Works for Metro Projects	
4511	URC Construction (P) Ltd.	Construction of Metro Rail Project at Indore.	75
4425	MP Metro Rail Corp Ltd, Bhopal	Bhopal and Indore Metro Rail Project.	281
4324	Chennai Metro Rail Ltd.	Elevated Corridor of Phase-II, Butt Road to Kobilambakkam Section	287
4323	Chennai Metro Rail Ltd.	Elevated Corridor of Phase-II, CMBT to Butt Road Section	368
		Geotechnical Investigation Works for Tunnel Projects	
2017	RITES Limited	Bridges between Km 62 -Km 75 of Katra-Quazigund Rail Link Project, Jammu &Kashmir	107
2003	RITES Limited	Tunnel between km 75 - km 91 (Tunnel) of Katra - Qazigund Rail Link Project, J&K.	107
1646	RITES Limited	Bridges and Tunnel km 120-km 133 Katra - Qazigund Rail Link Project, J&K.	116
		Geotechnical Investigation Works for Road and Bridge Projects	
3932	SMEC India, Gurgaon	Bridges over River Brahmaputra connecting Panbazar-North Guwahati & Palashbari -Saulkuchi.	251
3715	Yooshin Engineering	4-Lane at Mahatma Gandhi Setu at Patna, Bihar.	51
3232	Navayuga Engineering	Construction of Ganga Path from Digha to Didarganj (21.50 Km) at Patna Bihar	106
2530	ICT Pvt. ltd.	Bahargora to Sambalpur Section of NH-6, Orissa	62
		Geotechnical Investigation Works for Port and Offshore Projects	
4556	JSW Utkal Steel Limited	Development of ISP & Captive Jetty at Jatadharmuhan Near Paradip, Jagatsinghpur Odisha.	23
3024	Egis India, Faridabad	Four lane bridge on coastal highway connecting nani daman & moti daman.	22
2929	URS Scott Wilson, New Delhi	4 Lane Ganga Bridge between Sultanganj and Aguwani Ghat in Bihar.	37
656	Paradeep Port Trust	Coal Handling Plant at Paradeep Port	11

SERVICES











HIGHWAY ENGINEERING

- Detailed Topographical Survey including DGPS and LiDAR Survey.
- Geometric Design including fixing of most suitable alignment.
- Traffic Studies and analysis.
- Testing of construction materials including fixing of most appropriate quarries.
- Identification of borrow areas and testing of soil samples from these borrow areas.
- Pavement composition assessment and determination of existing subgrade characteristics by conducting trial pits.
- Design of all types of CD structures.
- Geotechnical Investigation of bridges and high embankments.
- Environmental Impact Assessment.
- Social and Resettlement Studies.
- Detailed estimation of quantities and costs.
- Economic / Financial analysis.
- Preparation of Technical Specifications.
- Preparation of bidding documents and assistance in the bidding process.
- Proof checking of Detailed Project Report.
- Construction and As-built drawing preparation
- Land Acquisition 3(a), 3(A), 3(D) etc.

MAJOR HIGHWAY (INCL. BRIDGES) DESIGN PROJECTS

Job No.	Name of Client	Description of the Project	Fees Rs. (Lakhs)
		4-Lane Highway Projects (Including Bridges) in Plain Terrain	
3617	NHAI, Telangana	DPR for Sangareddy - Nanded - Akola (NH161) Road in the State of Telangana 135.7 Km, 4 lane, NH (MjB = 4, MnB = 23, VUP = 19, LVUP = 26, Trumpet = 1, Max Length = 309m)	121
4146	NHIDCL, Assam	DPR preparation of Bilasipura - Guwahati (NH17) and Hapachara - Tulungia (NH117)in Assam 211 Km,4 Lane, National Highway (ROB= 3, Flyover= 5, Trumpet = 1, MjB = 11)	949
4040	NHAI, West Bengal	DPR preparation of Kharagpur - Moregram (NH116A) in West Bengal 231 Km, 4 Lane, NH (ROB = 4, Trumpet = 3, MjB = 38, Mn8 = 72, Flyover = 21)	504
4030	PWD, West Bengal & WBHDCL	DPR for Upgradation of Champadanga - Pursurah - Arambagh Road 19.6 Km, 4 Lane, State Highway, (MjB = 4, MnB = 15, Max Length 1075m)	49
4040	NHAI, Jharkhand	DPR for Bokaro to Gola Section (NH-320) and Gola to Ormanjhi on HAM Mode. 60.3 Km, 4 Lane, NH (MjB = 1, MnB = 12, ROB= 1, UP=25, Trumpet = 1, EUP= 1)	131
3882	RCD, NH Div, Gulzarbagh, Patna	DPR for Improvement of Chausa to Buxar (NH319A) in Bihar on EPC Mode. 21Km, 4-Lane, NH, (MjB = 2, Mn8 = 5, VUP = 1, Trumpet = 1, ROB = 1)	116
2341	BSRDC Ltd., Patna	DPR for 4-Laning of Budhist Circuit Gaya-Hisua-Rajgir-Biharsharif (NH-82) 93 km, 4 Lane, NH, (ROB=4, MjB = 6, MnB = 33, UP= 2), JICA Funded	92
3636	NHIDCL, Assam	Detailed Project Report for Srirampur - Dhubri (NH-127B) in Assam 54 km, 4 Lane, NH, JICA Funded, (MjB = 1, MnB = 11, ROB= 3, UP= 4)	125
3082	JARDCL, Ranchi	DPR for Vikas - Kantatoli - Namkum - Rampur in the State of Jharkhand 25 Km, 4 Lane, NH, Urban Section (ROB= 1)	32
		2-Lane Highway Projects (Including Bridges) in Hilly Terrain	
4262	PWD, NH, Nagaland	DPR for Tizit to Tuli and Jalukie to Athibung in the State of Nagaland. 111 Km, 2 Lane	532
4047	NHIDCL, Manipur	DPR and providing pre-construction services for Churachandpur -Tuivai (NH 1028), Imphal-Jiribam (NH39) and Tamenglong - Per en in the state of Manipur 482 Km, 2 Lane, National Highway	1341
4047	NHIDCL, Manipur	DPR and providing pre-construction services for Mar am-Peren-Dimapur (NH129A), Pallel-Chandel (NH102C) and Sangshak-Nampisha in the state of Manipur. 312 Km, National Highway	811
4285	NHIDCL Nagaland	DPR for Jessami-Akegwo (NH2O2) and Akegwo-Avangkhu (NH202K) in the state Nagaland 57 Km and 106 Km, 2 Lane, National Highway, (MjB = 2, MnB = 8)	408
3499	MoRT&H, New Delhi	Detailed Project Report for 2-Laning of Pfutsero - Zhamai State Road in Nagaland. 16 Km, 2 Lane	127
3908	MoRT&H, New Delhi	DPR for Foothill Road from Amguri to Niuland in the State of Nagaland. 189 Km, 2 Lane, (MiB=9,MnB=47)	468
3640	NHIDCL, Manipur	DPR for Ukhrul – Toloi – Tadubi section of NH-102A in the State of Manipur. 105 Km, 2 Lane, NH, (MjB = 1, MnB = 4)	325
4234	PWD (NH), Nagaland	DPR for NH61 (NH 02 New) under EPC Mode in the State of Nagaland 27 Km, 2 Lane, National Highway	127
4285	NHIDCL, Mizoram	DPR for Tuivai to Keifang (NH102B) section in the State of Mizoram 98 Km, 2 Lane, NH, (MjB = 2, MnB = 2)	335
1624	Nuclear Power Corp. Ltd.	700 MW Rajasthan Atomic Power Project (Units 7 and 8) at Rawatbhata, Rajasthan.	48

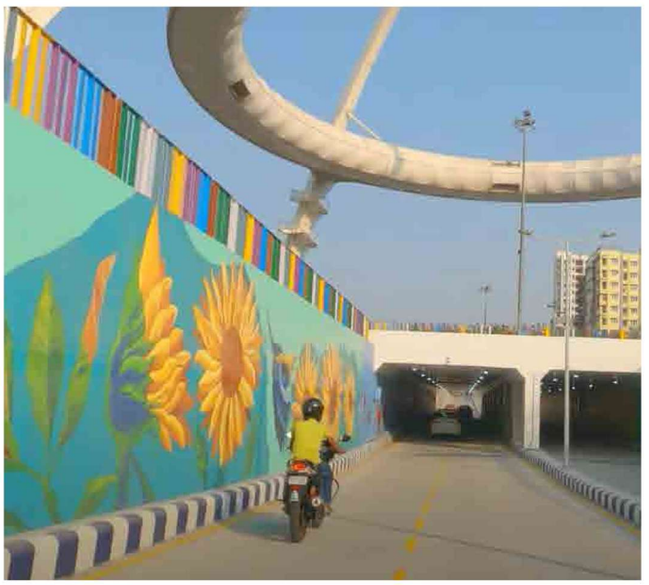
MAJOR ROAD & HIGHWAY DESIGN PROJECTS

Job No.	Name of Client	Description of the Project	Fees Rs. (Lakhs)
		2-Lane Highway Projects (Including Bridges) in Hilly Terrain	
4234	PWD (NH), Nagaland	Preparation of DPR for widening of NH-61 (New NH-02) in the State of Nagaland. 54 km, 2 Lane, National Highway	191
2364	Eastern Zone, PWD, Govt. of Arunachal Pradesh	Preparation of DPR for Double Laning of Pasighat Pangin Road, Arunachal Pradesh. 48 km, 2 Lane, National Highway, (MjB=4, MnB=14)	85
3854	PWD, NH West Bengal	DPR for improvement NH-10 with 2-Lane configuration, protecting measure of land-slide and road sinking zone from Sevoke to Rongpoo in West Bengal. 50 Km, 2 Lane, National Highwa	149
		2-Lane Highway Projects (Including Bridges) in Plain Terrain	
4350	PWRD, Assam	Preparation of DPR for Improvement of SH and MDRs under Asom-Mala 301 Km, 2 Lane, Funded by State Govt, ADB & NABARD (MjB = 12, MnB = 44, ROB = 3, Max Bridge Length = 860m	604
3882	RCD, NH Div, Gulzarbagh, Patna	DPR of Mohania to Chausa (NH319A) in the State Bihar on EPC Mode. 45 Km, 2-Lane, National Highway, (MjB=2, MnB=9)	116
4044	R&B,NH Circle, Karimnagar	DPR of Medak-Siddipet-Elkathurthy sec⊠on on NH-765DG in the State of Telangana. 85 km 2-Lane&48 Km 4 Lane, NH (MjB=4, MnB=48, VUP=3, VOP=2, RUB=1	292
3454	R&B, Telangana	DPR of various ODR / MDR (Pkg. No. II). 58 km, 4 Lane & 578 km, 2 Lane	259
3580	NHIDCL, Tripura	DPR for NH-208 (Kailasahar – Teliamura) and NH-108A (Jolaibari – Belonia) in Tripura 21Km&106 Km, 2-Lane, NH, JICA Funded (MjB = 3, MnB = 43, ROB = 1)	171
2302	BSRDC Ltd., Patna	Detailed Project Report for 6 nos. Bihar State Highways Project-Phase-II (Package-I, North Bihar) 422 Km, 2 Lane, SH, (ROB=5, MjB=6,MnB=109),ADB Funde	349
		Urban Road Projects in Plain Terrain	
3084	HGCL,Hyderabad	Preparation of DPR under ADB Phase-IV, Rewa-I & II. (Length 801km, ADB Funded)	79
4029	WBHDCL, Kolkata	Preparation of DPR from Bantala to Ghatakpukur in West Bengal 29Km, 4 Lane, State Highway, Urban Section, (MjB = 2, MnB = 8, Flyover = 3	65
4289	WBHIDCO Ltd, Kolkat	Preparation of DPR for Improvement of Traffic Management System and Pedestrian Safety by constructing VUP and Pedestrian Subways (VUP = 1, PUP = 6)	67
4270	PWD, Nagaland	Preparation of DPR of NH-29 in Dimapur. 6.8Km, 2 Lane, Urban Area	49
		ODR / MDR/ Rural Road Projects	
3209	MPRDC, Bhopal	Preparation of under ADB Phase-IV, Rewa- I & II. (Length 801km, ADB Funded)	
4637	PWD (R&B), Tripura	DPR for all weather road connectivity inTripura under TRESP. (527 Km,WB Funded)	577
3305	BRRDA, Bihar	DPR for construction and upgradation of Rural Roads & Bridges in Bihar (Length 477 Km)	93
2782	IL&FS, Meghalaya	DPR for World Bank funded Roads in West Garo Hills District in Meghalaya (Length 315 km)	
2859	PWD (R&B), Tripura	DPR for Rural Road Projects in West and South Tripura. (Length 373km)	152
2973	IL&FS, Bihar	DPR under PMGSY in Gaya District at Bihar. (Length 700 Km)	

SERVICES











BRIDGE DESIGN

- Detailed Topographical and Hydrological Survey.
- Detailed hydraulic analysis including estimation of flood discharge, fixing of bridge length and ascertaining span arrangement.
- Detailed Geotechnical Investigations.
- Analysis of all load types including dead, superimposed dead, moving, seismic, wind, water current, etc.
- Analysis and design of all types of superstructure including RCC Slab,
- RCC T-Beam, PSC, Composite etc. (specialization in composite integral bridges).
- Analysis and design of all types of substructure and foundation (open/pile/well).
- Testing of construction materials including fixing of quarries.
- Estimation of quantities and costs.
- Preparation of Technical Specifications.
- Assistance in bidding process.
- Repairing and Rehabilitation work for bridges.

RAILWAY ENGINEERING

- Final Location Surey
- Railway Alignment Design
- Preparation of GAD
- Design of Railway Bridges
- Detailed GeotechnicalInvestigation
- Preparation of DPR
- Go Estimaton and Tender Document
- Prepartion of Yard Plan

BRIDGE DESIGN PROJECTS

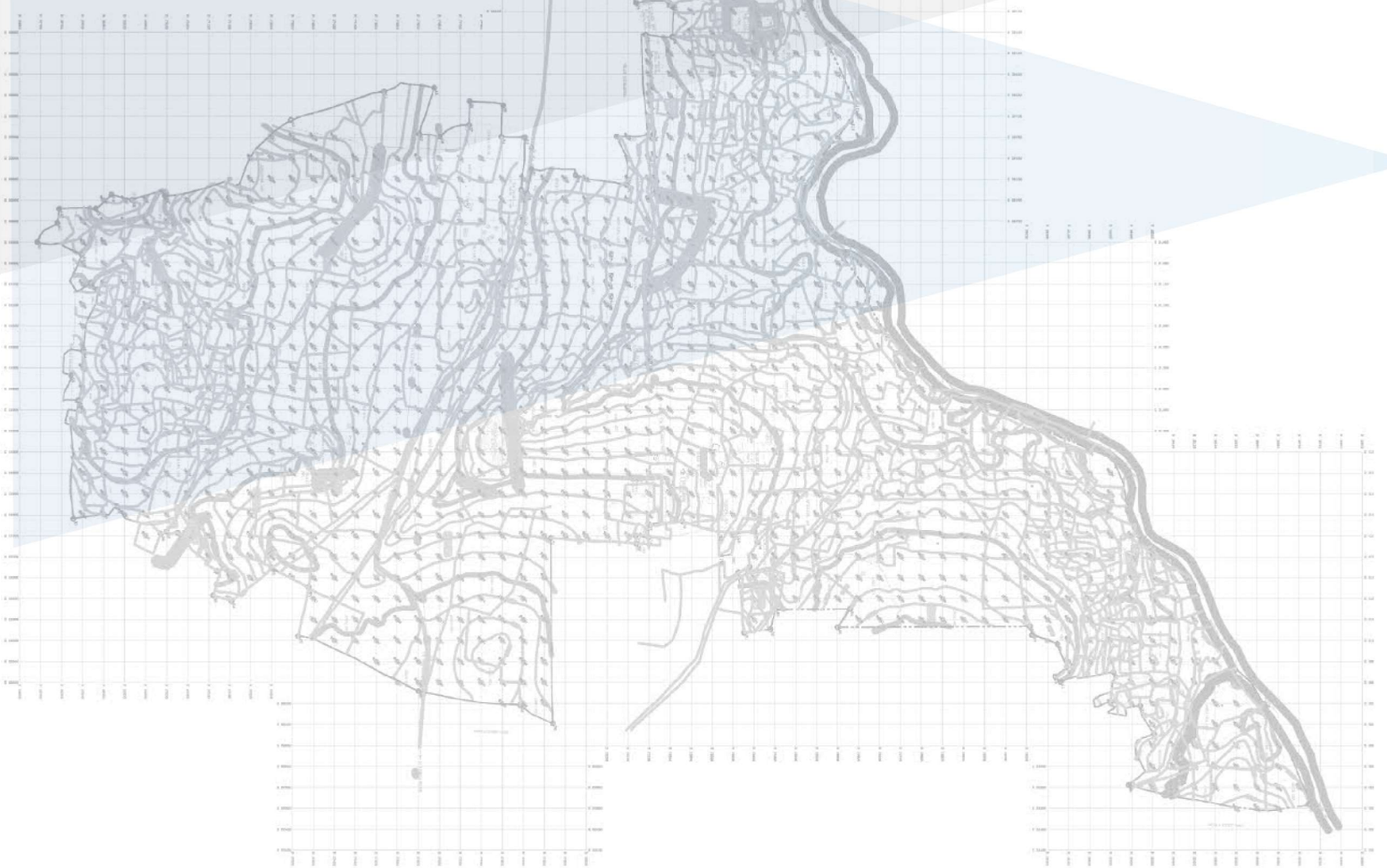
Job No.	Name of Client	Description of the Project	Fees Rs. (Lakhs)
4322	PWD (NH), West Bengal	4 Lane ROB at Talit & Bhedia under EPC contracts ROB Proper = 144m, Viaduct = 630m & ROB Proper = 144m, Viaduct = 780	16
4347	PWD (NH), Nagaland	Detailed Project Report for Construction of RCC bridge over river Yei at Kiphire in the state of Nagaland. Bridge Length = 325m	22
4354	PWD, Tripura	Preliminary and Detailed Engineering including preparation of Detailed Project Report for Construction of 17 nos. Permanent Bridges at different location of State Road Work.	46
4424	NBCC, Guwahati	DPR for construction of 2 nos. Bridges over River Luva near and River Hari near of span 220m and 300m respectively for Indo-Bangla Border Road at Meghalaya	46
4609	GHMC, Hyderabad	Design including architectural designs & drawings and detailed estimates along with DPR for Bridges in 4 Locations. 4 Lane, 4 nos. Bridges	84
3549	R&B, Telangana	Detailed project report for construction of bridge across river Krishna connecting Somasila in Mahaboobnagar district & Siddeswaram in Kurnool districtin Telangana. 2 Lane, Bridge length 1.8Km	112
4213	BRPNNL, Bihar	Detailed Project Report for Flyover from Gopalganj more to Tarwara more in the town of Siwan District Siwan, Bihar along with Feasibility Study & PPR. 2-Lane, Flyover length 2.3Km	124
4219	Sultanate of Oman	Design of Dualization of Wadi Sa's -Hafeet Road and Ibri Southern Bypass Dual Carriageway of Ministry of Transport & Communications Sulnate of Oman. 129 Km, 2 Lane Bridge / VUP = 23 Nos., Total length = 800m	140
4265	BRPNNL, Bihar	ROB over LC No.7C/T between Chhapra Kachahari & Madhaura Rly Stn and ROB over LC No.34-B2 between Mashrakh & Shyam Koudiya Rly Stn. ROB Length = 880m & 960m, 2Lane	45
3534	GHMC, Hyderabad	Development from Aramgarh to Muslimjung Bridge Corridor as Conflict Corridor in Hyderabad 6-lane flyover = 3788m, Structure = 4148m (Flyover + Ramp)	30
3155	GHMC , Hyderabad	Detailed project reports for the proposed construction of flyover @ Amberpet - X- Road, Hyderabad. 4-Lane Flyover of1.465Km	60
3363	MoRT&H,New Delhi	Feasibility study & DPR of ROB and Approaches in the state of Bihar 17Nos. ROB(Length:111m,149m,81m,87m,114m,81m,215m,162m,77m, 94m,104m,151m, 281m,299m,291m, 142m, 115m)	115
3362	MoRT&H,New Delhi	Feasibility study & DPR of ROB and Approaches in the state of Odisha 5Nos. ROBs (Length=1092m,416m,358m,324m,926m)	70
3492	PWD, Arunachal Pradesh	Construction of Bridge over River Kamala (100m Span) at Arunachal Pradesh.	15
3195	RCD, NH Div, Gulzarbagh	Construction of 120m High Level RCC Bridge across river Noon at Km 45 of NH-103.	17
2699	PWD (R&B) Agartala.	Detailed Engineering including preparation of DPR for Construction of 13 Nos. of permanent bridges at different locations on the State Road Network.	48
3175	Bridge & Roof, Kolkata	DPR for 23 nos. Bailey Bridges at different locations of Odisha.	27
3286	Eastern Railway Kolkata	Design & Drawing including soil investigation in connection of new ROB in place of existing old ROB's between Pirn connection with doubling of Pirpainti to Bhagalpur. 7 Nosainti to Bhagalpur i. of ROB	27

RAILWAY ENGINEERING PROJECTS

Job No.	Name of Client	Description of the Project	Fees Rs. (Lakhs)
4633	**South Eastern Railway** Garden Reach, Kolkata	DPR preparation (FLS, Design of Bridges, S&T, Yard, Station etc.) for EPC Tender document for Railway line Dangaoposi –Jaroli, Gamaharia –Chandil,Aditypur -Rajkharswan,Barbendra - Damrughutu and Damrughutu -Bokaro Steel City, Rajkharswan -Dangaoposi, Sini -Kandra, Bypass Line between Noamundi -Jamkundia at Padahar and Barbil -Bolanikhadan, Length = 317 Km	484
4639	**Eastern Railway** Kolkata	DPR preparation (FLS, Design of Bridges, S&T, Yard, Station etc.) for EPC Tender document for (A) 5th Line Between Shaktigarh -Bardhaman, (B) 5th Line Between Bardhaman -Khana and (C) 3rd line Between Khana Sainthia. Length = 115 Km	176
4632	**East Central Railway** Patna, Bihar	DPR preparation (FLS, Design of Bridges, S&T, Yard, Station etc.) for EPC Tender document for Triveniganj (excl.) - Araria court (incl.) for new BG rail line between Supaul- Araria station. Length = 65 Km	184
4620	**East Central Railway** Patna, Bihar	DPR preparation (FLS, Design of Bridges, S&T, Yard, Station etc.) for EPC Tender document for Madhubani -Sagauli section in connection with construction of new BG rail line between Hajipur -Saguali Station. Length = -40Km	123
4619	**North Central Railway** Allahabad, Uttar Pradesh	DPR preparation (FLS, Design of Bridges, S&T, Yard, Station etc.) for EPC Tender document for 3rd line between "Iradatganj -Manikpur", Length = 83 Km	127
4612	**East Central Railway** Patna, Bihar	DPR preparation (FLS, Design of Bridges, S&T, Yard, Station etc.) for EPC Tender document for i) Balumath Chatra new line, ii) Teura - Rohtasgarh Fort -Pahelja -Karwandia new line and bulb line for ii) Ankhora -Bhagabishanpur. Total Length = 145 Km	239
4560	**Rail Vikas Nigam Limited** Nagpur, Maharashtra	Detailed Design from Chainage Km 157 (Excluding Digras station) to Km. 285.5 (Excluding Nanded Station) in connection with Yavatmal - Nanded New B.G. Line Project. Length = 127 K	256
4406	**Northeast Frontier Railway** Maligaon, Guwahati	DPR preparation (FLS, Design of Bridges, S&T, Yard, Station etc.) for EPC Tender document for Lumding & Dibrugarh BG double Railway line Length = 381 Km	276
4344	**South Eastern Railway** Garden Reach, Kolkata	Detailed Design of Bridges in connection with proposed 3rd Line between Narayangarh and Bhadrak. Length = 168 Km, 202 Nos Bridge.	239
3853	**Northeast Frontier Railway** Maligaon, Guwahati	Preparation of GAD including foundations, sub structure, bed blocks, inspection platiorm, bearing etc. in between (a) NBQ to KYO station via GLPT and (b) DGU to Hojai in connection with NBQ to KYO via GLPT and Digru to Hojai Doubling works. 50 Nos Bridge	143
3335	**East Central Railway** Patna, Bihar	Design & Drawing of minor bridges, super passages, minor bridges, RUBs, ROBs and Other Structure for projects. Minor Bridge = 31 nos., Syphon: 3 nos., RUB: 12 nos., Major Bridge = 2 nos., ROB = 21 nos.	84
3425	**East Central Railway** Patna, Bihar	Conducting Final Location Survey, Geotechnical Investigation, Design/ Drawing of Structure between Biratoli & Tori for rail flyover at Tori and Biratoli to Mahuamilan for avoiding line in connection with Tori - Shivpuri New B.G. Line Project in Lathehar District of Jharkhand State. 20 Km, Existing BG Line & 1 ROR	29
3231	**East Central Railway** Patna, Bihar	DPR preparation (FLS, Design of Bridges, S&T, Yard, Station etc.) for EPC Tender document for Manpur Bye Pass Fly over line including surface connection of DN line. 20 Km, Existing BG Line & 1 ROR & 61 Bridges	37

ENGINEERING SURVEYING

- Topographical Survey, Profiling, Contouring, Levelling, Curve setting with DGPS, GPS, Total Station and LiDAR
- Cadastral Survey
- Hydrographic Survey through Total Station, Current Meter, Echo-sounder etc.
- Astronomical Survey, Route surveying (Transmission Line, Pipe Line & Roads).
- Conducting fully computerized Highway, Land & Hydraulic Survey.
- Preparation of Digital Survey Maps and drawing, Contour Maps, Digital Terrain models and Survey database.
- Survey of Rivers including collection of Hydraulic Data, Fixing Bridge Sites, Estimation of Flow and Flood Discharge etc.



SURVEY ENGINEERING WORKS

Job No.	Name of Client	Description of the Project	Fees Rs. (Lakhs)
		Final Location Survey / Engineering Survey for Railways	
4662	DFCC Ltd. Kolkata	Andal to Sonnagar section for DFCC. Length 345 Km	99
3713	NF Railway Maligaon, Guwahati	Between New Bangaigaon to Kamakhya via Goalpara in connection with doubling of existing BG Line. Length 186 Km	568
4406	NF Railway Lumding, Assam.	BG double line between Lumding & Dibrugarh. Length 381 Km	325
3351	Eastern Railway, Kolkata	New BG Line between Pirpainti - Josidih. Length 60 Km	31
3171	SEC Railway Bilaspur, Chattisgarh	RET survey for new line between Raigarh to Gaya via Banaras, Allahabad. Length 966 Km	28
		Detailed Route Survey for Highway, DrinkingWaterPipeline, Conveyor, GasPipeline & TransmissionLine	
1514	Consulting Engineering Services (I) Pvt. Ltd., Kolkata	Pasighat -- Pangin Road (76 km), Pasighat - Ledum - Tene - Koyu - Daring - Ego Road (104 km) and Wak - Yomcha - Liromoba - Tai Road (67 km) at Arunachal Pradesh. Total Length = 247 Km	21
2495	ICT Pvt. Ltd., New Delhi.	Detailed Topographical Survey in section NH-6 from Beheragoda (KM200) to Keonjhar (KM350). Total Length = 150 Km	16
2385	Power Grid Corp Ltd, New Delhi.	Survey work for Transmission Line in the North East. Length = 372 Km	119
2374	ONGC Ltd. Agartala, Tripura	Gas pipelines from Manifold to ADB GGS (approx. 18 km) and from Sudalbari Manifold to proposed Sonamura GGS (approx. 12 km). Total Length = 30 Km	16
3743	Jindal Steel & Power Ltd. Raipur, Chattisgarh.	Detailed Survey for (CCPC) Cross Country Pipe Conveyor at JSPL, Raipur. Length = 6.9 Km	11
3238	Drinking Water & Sanitation, Govt. of Tripura	Remodeling of existing pipeline Distribution network within Dharmanagar Nagar Panchayet. Length = 130 Km	8
		Topographical / Contour Survey for various Plants,Refinery & Airports	
4661	Mahan Energen Ltd. Singrauli, Madhya Pradesh	2 X 600 MW Mahan Thermal Power Plant and its adjoining area of up to 500 meters from the plant boundary at Dist. Singrauli, Madhya Pradesh. Surveyed Area 3038 Acre	28
4099	BHEL, Nagpur	3x800 MW PVUNL, Patratu STTP, Jharkhand. Surveyed Area 265 Hectare	187
3319	IOCL, Chennai	New-Docklines between Korukkupet Terminal to Fore Shore Terminal, Chennai, Tamilnadu.	11
4096	Vedanta Limited Jharsuguda, Odisha.	Ash Pond for Vedanta Aluminum Limited at Siriyapalli, Jharsuguda, Odisha. Surveyed Area 1000 Acre	41
3690	CSIR - NGRI Hyderabad	Rangamati block, West Bengal, Radhanagar block, Jarkhand and Patratu Block Jarkhand. Surveyed Area 15 Sq. Km.	32
3427	Talwandi Sabo Power Limited Punjab, India	For 3X660 MW power plant site at Bannawala village, Mansa District, Punjab, and its adjoining area of up to 500 meters from the plot boundary Surveyed Area 4398 Acre	18
3025	Larsen & Toubro Ltd. Vadodara - 391740	2X660 Mw, Coal Based TPP, Unit 5 & 6, Near Chhabra, Dist: Baran, Rajasthan Surveyed Area 1200 Hectare	23
3208	CSIR - NGRI Hyderabad	Survey in Jharsuguda Region, Odisha. Surveyed Area 10.15 Sq. Km.	30
		Topographical / Contour Survey for Hi-Tech City & Airports	
2467	Bengal Shriram Hi Tech Pvt.Ltd. Kolkata	Bengal Shriram Hi Tech City Project, Located at Hind Motor, Hooghly. Surveyed Area 10.15 Sq. Km.	17
3548	Imphal International Airport, Imphal.	For Entire Land of Imphal Airport including Newly Acquired Land. Surveyed Area 1200 Acre	6

ISO CERTIFICATION / NABL ACCREDITATION


CERTIFICATE

The Certification Body of TÜV SÜD South Asia Private Limited certifies that

CETEST

C.E. Testing Company Pvt. Ltd.
124 A, N.S.C. Bose Road Kolkata – 700092, India

including the sites and scope of application see enclosure

has implemented Quality Management System in accordance with ISO 9001:2015 for the scope of

PROVIDING CIVIL ENGINEERING SERVICES INCLUDING SITE ACTIVITIES FOR GEOLOGICAL AND GEOTECHNICAL SUBSURFACE INVESTIGATION, DESIGN ENGINEERING & DEVELOPMENT, SURVEY ENGINEERING

The certificate is valid from 2023-08-23 until 2026-08-22
Subject to successful completion of annual periodic audits

Certificate Registration No. 99 100 15707
Date of Initial certification: 2014-11-25
Issue Date: 2023-06-22 Rev. 00

At the CETEST, Quality is a tangible commodity valued throughout the organization, and the evidence of the same is being seen in the customer's satisfaction. In 2005, CETEST earned the International Organization for Standardization's certification, ISO 9001:2000, and renewed to ISO 9001:2015 in 2017, demonstrating its dedication to continual improvement and superior performance in all aspects of its business domain.

CETEST systematically monitors its Quality through customer feedback, individual self-assessment, regular management reviews, and an annual quality assessment. CETEST constantly hones its processes, maintains its commitment to the ongoing improvement of CETEST's engineering consultancy services. CETEST also has a defined list of Key Performance Indicators (KPI) and Quality, Environmental, Health and Safety targets that are constantly measured and analysed.


National Accreditation Board for Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

C.E.TESTING COMPANY PVT. LTD.

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

SARDARPARA, BRAHMAPUR, 24 PARAGANAS SOUTH, KOLKATA, WEST BENGAL, INDIA

in the field of

TESTING

Certificate Number: TC-6849
Issue Date: 24/11/2024 Valid Until: 23/11/2026

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

Name of Legal Entity: C.E.Testing Company Private Limited

Signed for and on behalf of NABL

N. Venkateswaran
Chief Executive Officer

Taking its vision one step forward is CETEST's Soil/Rock Testing Laboratory, one of the most reputed NABL Accredited Testing and Calibration Laboratories in India, which is famous for its high accuracy in testing capabilities. CETEST achieved NABL Accreditation as per ISO/IEC 17025:2005 in 2013 in Mechanical Discipline and upgraded to ISO/IEC 17025:2017 in 2019 and tests 27 nos. different rock and soil parameters.

CETEST believes that it has an important duty to ensure good environmental performance in all its business operations and to provide the necessary organizational commitment and training to fulfil this obligation. The management firmly believes in, and is committed to monitoring and improving environmental performance, pollution prevention and environmental protection as per the implementation of ISO 14001:2015.


CERTIFICATE

The Certification Body of TÜV SÜD South Asia Private Limited certifies that

CETEST

C.E. Testing Company Pvt. Ltd.
124 A, N.S.C. Bose Road Kolkata – 700092, India

including the sites and scope of application see enclosure

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PROVIDING CIVIL ENGINEERING SERVICES INCLUDING SITE ACTIVITIES FOR GEOLOGICAL AND GEOTECHNICAL SUBSURFACE INVESTIGATION, DESIGN ENGINEERING & DEVELOPMENT, SURVEY ENGINEERING

The certificate is valid from 2023-08-23 until 2026-08-22
Subject to successful completion of annual periodic audits

Certificate Registration No. 99 100 15707
Date of Initial certification: 2014-11-25
Issue Date: 2023-06-22 Rev. 00

CETEST has incorporated environmental responsibility into all business operations by planning environmental protection, reviewing and developing policy, by setting targets and reviewing and auditing performance. Utilizing the best available techniques not entailing excessive costs to comply the commitment to control and improve environmental performance with respect to the environment leads to the development of Environmental Objectives and Targets.

As part of CETEST's commitment to maintain the highest levels of Occupational Health and Safety management, it intends to maintain accreditation of its OH&S Management System to ISO 45001:2018 and integrate occupational health and safety with Quality and Environment.


CERTIFICATE

The Certification Body of TÜV SÜD South Asia Private Limited certifies that

CETEST

C.E. Testing Company Pvt. Ltd.
124 A, N.S.C. Bose Road Kolkata – 700092, India

including the sites and scope of application see enclosure

has implemented Occupational Health and Safety Management System in accordance with ISO 45001:2018 for the scope of

PROVIDING CIVIL ENGINEERING SERVICES INCLUDING SITE ACTIVITIES FOR GEOLOGICAL AND GEOTECHNICAL SUBSURFACE INVESTIGATION, DESIGN ENGINEERING & DEVELOPMENT, SURVEY ENGINEERING

The certificate is valid from 2023-05-07 until 2026-05-06
Subject to successful completion of annual periodic audits

Certificate Registration No. 99 117 00479
Date of Initial certification: 2014-05-07
Issue Date: 2023-06-22 Rev. 00

CETEST is determined to prevent injuries and ill-health, so far as is reasonably practicable, safe systems of work and a safe and healthy working environment throughout all of its business operations and activities.

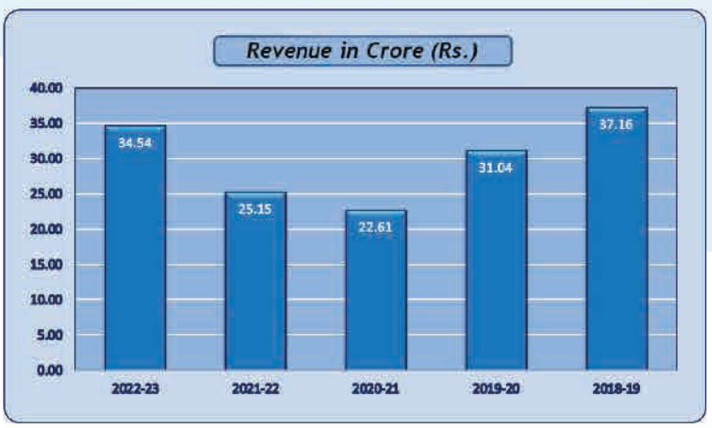
CETEST has the policy of Health & Safety in order to achieve and maintain the highest practical standard of accident prevention, continual improvement in OH&S management and performance, and the prevention of injury and ill-health.

RESOURCES, FINANCIAL PERFORMANCE & CLIENTELE

Soil Equipments			
Soil Boring Rig	22	Permeability Test	10
Boring cum Drilling	44	SCPT	3
Rock Drilling Rig	21	DCPT	8
Cross Hole Test	2	BVT	2
Pressure Meter Test	2	ERT	5
Seismic Refraction Test	2	PLT & CPLT	7
Vane Shear Test	1	NDT Equipments	8

Survey Equipments & Design SOFTWAREs		
Electronic Total Station	15	MIDAS Civil 2024
Hand GPS	20	CSiBridge 25 Plus
DGPS	04	Bentley Staad.Pro
Auto Level	10	Bentley OpenRoads Designer
Echo Sounder	02	Autodesk Civil 3D
Drone	02	ARES Commander 2024 & ZWCAD 2024

Human Resource 235			
Ph.D.	03	M. Tech./M.E.	07
B.E. / B. Tech	37	MBA/LLB/MCA/CA	09
Diploma	62	I.T.I / I.T.C.	46
B.Sc. /B. Com/ B.A	35	OTHERS	36



Persons for Business Contact

Mr. Anirban Nayak, Managing Director
P. +91 33 2428-6221/22. M. +91 9836356311
E. cetest@cetestindia.com , anayak@cetestindia.com

Dr. M Nayak, Chairman
P. +91 33 2428-6221/22. M. +91 9051366117
E. cetest@cetestindia.com , dmn@cetestindia.com

Mrs. Aparajita Khatua, Director
P. +91332428-6221/22. M. +91 9433017508
E. cetest@cetestindia.com , akhatua@cetestindia.com

Mr. R. P. Dutta, Sr. Manager-Business Development
P. +91 33 2428-6221/22,M. +91 9433015599
E. cetest@cetestindia.com , marketing@cetestindia.com

Mr. Pranab Roy, Sr. Manager-Business Development
P. +9133 24286221/22 M +91 8697738373
E. cetest@cetestindia.com , marketing@cetestindia.com

MARKET SECTOR

In the last 40 years through the consultancy service in Geotechnical Engineering, Highway & Bridge Design and Engineering Survey, CETEST has been able to join different market sector or industries like

- Transportation (Road, Bridge, Tunnel, Railways)
- Power Plants
- Petrochemicals & Refineries

MAJOR CLIENTELE

Geotechnical & Survey

- RITES
- BHEL
- NTPC
- IOCL
- EIL
- NALCO
- NBCC
- RELIANCE
- ADANI
- CSIR-NGRI
- VEDANTA
- HPCL
- RAILWAYS
- TATA
- MECON
- GAIL
- GE POWER
- MITSUBISHI
- LNT POWER
- PES ENGINEERING
- NRL
- JSW
- BARC
- HPL
- CMRL
- MPMRCL
- URCC

Highway & Bridge

- MoRT&H
- NHIDCL
- NHAI
- PWD, WB
- BSRDC
- MPRDC
- HGCL
- GHMC
- EASTERN RAIL
- BRIDGE & ROOF
- N. F. RAILWAY
- R&B, TELENGANA
- RCD, BIHAR
- PWD, NAGALAND
- PWD, MANIPUR
- PWD, AR.P
- PWD, RAJASTHAN
- DFCC

LABORATORY & GODOWN

Brahmapur, Sardarpara,
Kolkata-700154, West Bengal
Tel: +91 33 2410 5085/9813

PROJECT OFFICES

AGARTALA, TRIPURA
Ramnagar Road No-1
Agartala – 799002
Tripura

PATNA, BIHAR
No.-604, Dr. Rameswar Dayal
Place, Boring Road, Paani Tanki,
Opposite A N College,
Patna – 800 001, Bihar

RANCHI, JHARKHAND
Krishan Singh Colony
Station Road
Ranchi - 834001,
Jharkhand

HYDERABAD,TELANGANA
Street No:1
House No: 12-13-442
Tarnaka,
Hyderabad-500017

GUWAHATI, ASSAM
House No.2 (Ground Floor),
Bye Lane - 1, Rajgarh,
Guwahati - 781 003.

IMPHAL
Mercylane Road,
Achanbigeri, Mantripukhri
Imphal – 795 002,
Manipur

CETEST
Engineering Consultants
An ISO 9001,14001 & 45001 Certified Company

C.E. Testing Company Pvt. Ltd.
124-A, N.S.C. Bose Road, Kolkata 700 092, West Bengal, India
P. +91 33 2428-6221/6222/6223, F. +91 33 2428-6220
E. cetest@cetestindia.com, W. www.cetestindia.com
CIN: U74920WB1988PTC045778

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