



ORIMAN SURVEY & ENGINEERING PVT. LTD.

SPECIALIST IN THE FIELD OF:

Carrying Out Detailed Topographical Survey, Detailed Route Survey for Pipe Lines, Tunnel Survey, Road Survey, Track Geometry Survey (Pre & Post Tamping), Irrigation Survey, Construction Setting Out, Soil Resistivity Survey And Cadastral Survey, DTM, CAD, 3D Monitoring, Scanning, Bythematic Survey, GPR Survey (Utility Survey) Hydrographic Survey, Drone Survey and Track Laying.



Ph. 011-22771514
Mobile- 09312271521



Office-233, DLF Gallaria,Phase -1,
Extn, Mayur Vihar, New Delhi, 110091



www.orimansurvey.com
admin@orimansurvey.com

Who We Are?

Oriman Survey and Engineering Pvt. Ltd (OMSE), an ISO 9001:2015 certified company, was established in 2008, formerly known as Utkal Survey Line since 1995. The company has been growing rapidly with a client base including large-scale construction companies, government councils, architects, builders, engineers, construction managers, lot owners, property developers, and building designers. From this client base, Oriman Survey and Engineering Pvt. Ltd has developed a sound reputation in the industry, resulting in the commission of an increasing number of large-scale projects.

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Today, with its pertinent experience, advanced solutions, and high standards of excellence, Oriman Survey and Engineering Pvt. Ltd has diversified into multiple disciplines. We specialize in carrying out detailed topographical surveys, detailed route surveys for pipelines, tunnel surveys, road surveys, track geometry surveys (pre & post tamping surveys), hydrographic and bathymetric surveys, irrigation surveys, construction setting out, soil resistivity surveys, cadastral surveys, setting out jobs for infrastructure development works, building condition surveys, DTM, CAD, 3D monitoring, scanning, bathymetric surveys, GPR surveys (utility surveys), hydrographic surveys, drone surveys, and track laying.

In just over twenty-nine years, OMSE has progressed from a single-person firm to a survey and design consultancy company with dedicated and innovative employees.

Oriman Survey and Engineering Pvt. Ltd is a registered company under the Companies Act, 1956. Corporate Identity Number: U29220DL2008PTC182398, registered in the office of the Assistant Registrar of Companies, National Capital Territory of Delhi. A professionally managed survey contractor with its headquarters in Delhi and branch offices in Odisha, Mumbai, Uttar Pradesh, Punjab, and Gujarat, we undertake jobs all over India. Oriman Survey and Engineering Pvt. Ltd has executed projects for government, public, and private sector undertakings. Our clients also include major multinational companies.



Mission

Our mission is to become the top leader in the construction industry by providing the best and most accurate survey services to our clients. Our first priority is to fulfill the clients' dream and give them work certification.

Our aim is to always work in a challenging environment with the latest technologies of survey instruments at very reasonable prices. Our experts have a highly advanced level of knowledge and many more years of experience in different survey fields.

Today, we have advanced technology, high resolution, and high standards with the best accuracy of survey instruments. So, not today, we always expect to be the top performer in the survey industry in the upcoming time.



Vision

We are more confident and very specialized at our work. Staying on top is similarly important as reaching on top, and keeping that in our mind, our panel of experts always keep on developing the skill sets of the office and ground workers to provide better result. We keep on doing research that how we can improve the technology we are using for land survey process.

Our vision is to be the best by implementing all the latest technology in our work. We keep updating the knowledge level of the employees by providing them periodic training so that they can upgrade their practical knowledge, which will implement on field and find the most suitable and optimum solutions for our each clients.

We promise you we will strive towards providing quality results in the coming years as well.



Values

We, as a consultant, are always eager to build a community value with every project. We work on our focus is always on delivering professionalism, outstanding customer service, and quality work on every design and construction supervision.

Our team is a group of highly experienced and effective professionals and licensed surveyors. Our team members are excellent in their respective roles. They understand the importance of your work and are completely accountable towards it.

We believe in certain guidelines and which makes us stand apart from all our competitors. Those are professionalism, integrity, experience, skills, advanced technology, and quality.

Our Work Expertise

At Oriman Survey and Engineering Pvt. Ltd, we have a professional and dedicated team of Surveyors, Draftsmen, Survey Technicians, and Office staff that have a combined experience of over 29 years in the industry across India. Our expertise allows us to offer a range of small and large-scale services such as:

Topographic Surveys

Our organization has decades of experience in all types of Surveys. We have a specific experienced and dedicated team to carry out Topographical Survey. Generally, Topographic surveys are done to identify and map the contours of the ground surface of earth or even below the earth's surface.

With professional and experienced employees in the field of Land Survey, Geophysical Survey, Topographic Survey, and other surveys, we deliver the best quality services on time.

Our results are more accurate and faster as compared to any organization with the latest technologies. The combination of highly experienced professionals and updated technologies enables us to provide excellent solutions with an affordable budget.

The types and required topographical surveys' information details are collected on-site as per your specification. Hence, our Land Surveying team will not only suggest the most suitable solution but also take care of other critical issues which might arise in planning applications.



DGPS & GEODETIC SURVEYS

OMSE has renewed experiences in DGPS survey having highly precise DGPS equipment and its advanced calculation software to establish the actual global coordinates of the earth. The company has resolved many more unsolved controlling points of the running project to minimize the existing survey errors by using its DGPS expertise.

A Differential Global Positioning System (DGPS) is an enhancement to the Global Positioning System (GPS) which provides improved location accuracy, in the range of operations of each system; the surveys are carried out using DGPS to achieve high accuracy.

There are two DGPS Control points i.e., Control point and Land survey. Control points are carried out to establish networks of points and these points are used for measurements. Hence, these site points are recorded for highest precision.

Land survey point involves larger surveys to be done with minimum moves and less time. As our team has applied embedded monitoring and latest quality control tools, hence, we deliver high-



Construction Surveys & Set Out

Our Organization is well known for its best services in construction survey. Company associates major project i.e. NCRTC, NHRCL, DMRC, and Other Metros, Airport, Power project, Refinery, tunneling, Indian Railways, Highway etc... Its Major projects are:

- I. Delhi Metro First Under Ground Project associated with IMCC
- II. Delhi Airport Terminal (T3) with L&T Limited.
- III. Ballasted and Ballasted Track work survey & Many More....



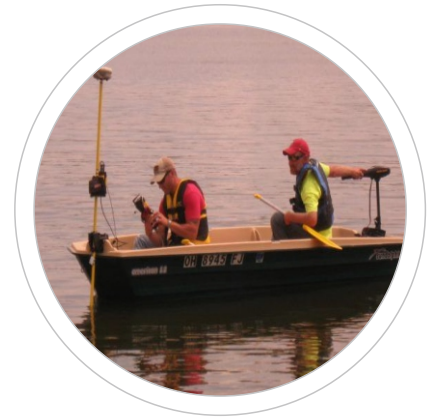
Urban & Rural Land Development Design & Planning

OMSE having many more experiences of Urban & Rural Land Development Design & Plannings i.e. Land Administration, Existing Conditions Surveys, Title Re-Establishment Surveys.



Hydrography Survey & Bathymetric Survey

Bathymetric surveys allow us to measure the depth of a water body as well as map the underwater features of a water body. Multiple methods can be used for bathymetric surveys: Multi-beam surveying: A multibeam echo sounder attached to a boat sends out a wide array of beams across a "swath" of the waterbody floor.



Drone Survey

We design effective drone programs with robust analysis and recommendations for how your business can best benefit from drone technology by working closely with you to identify your specific requirements. We will advise you on drone selection, appropriate equipment, training, data capture methods, analysis, and more...



Railway Track Survey By. AMBERG Trolley GRP System

OMSE is doing its ongoing project for Indian railways for South Eastern Railway by using AMBERG TROLLEY GRP System first time in Indian Railway. The Advance Technology survey system and its specialization describe below.

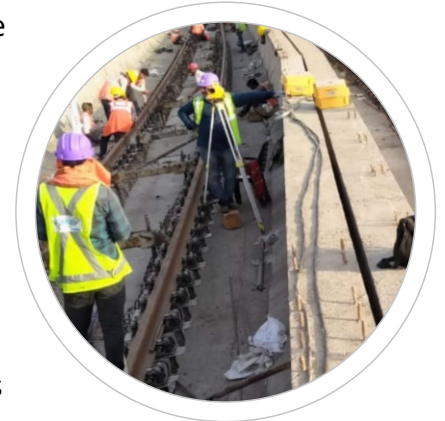


Complete railway surveying system

Amberg Rail is the new solution for comprehensive railway surveying. Amberg Rail's extensive functionality consists of the proven and established hardware configuration GRP System FX, new application-specific software, the GRP Fidelity integrated quality management system and a unique global support network.

Amberg Rail is based on the three application-specific solutions Amberg Slab Track, Amberg Tamping and Amberg Clearance. A dependable partner of the international railway industry, Amberg Technologies' Amberg Rail application provides project-specific system solutions for the highest possible efficiency and flexibility in surveying for track construction and maintenance, and for clearance profile surveying.

- One unique, new software platform for all railway applications
- Specific modules per application with focus on application needs
- Clear split between office work and trackwork
- Proven hardware system GRP System FX for specific applications
- New technology enables automatic comprehensive railway surveys



Integrated surveying system for slab track construction & maintenance

Identify and inspect track positions to millimetre tolerances with an integrated surveying solution for the construction and maintenance of slab track. Amberg Slab Track features:

- Integrated slab track surveying solution (project management, measurement, evaluation and reporting)
- High-precision sensors for super-elevation and gauge measurement
- Determination of the track coordinates with the Leica TPS total station
- Real-time display of corrective values during track laying
- Professional graphic and numeric reporting of results of the as-built analysis

Track-alignment data and control-point-based tamping survey system

Amberg Tamping is a high-performance system solution for track-alignment data or control-point-based tamping survey. Features include:



- New project base data management for track design and measurement data.
- Project data based on 3D track design or datum point track layout
- Correction data (lift and slew) in real time or as data disk for the track tamper
- Versatile tamping data editor
- Comprehensive reporting
- Option: Integrated control point surveying and reporting etc.

GPR Survey

Ground penetrating radar(GPR) is one of the near surface geophysical methods that is gaining acceptance as a viable means of field study in archaeology. It involves the transmission of high frequency radar pulses from a surface antenna into the ground. The time elapsed, when this energy is transmitted, reflected from buried materials or sediment and soil changes in the ground, and then received back at the surface, is then measured. When many thousands of radar reflections are measured and recorded as antennas moved along transects within a grid, 3-Dimensional picture of soil, sediment, and feature changes can be created.

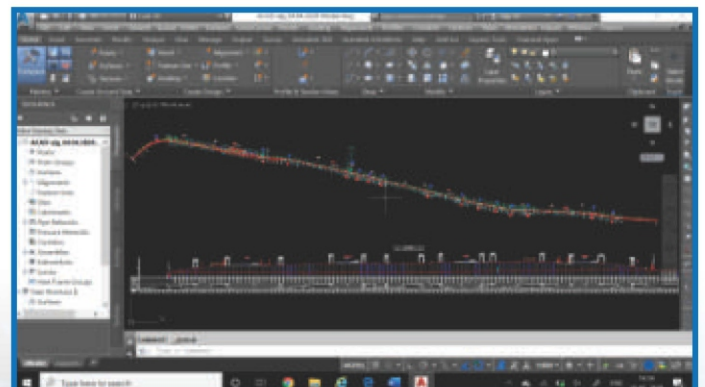
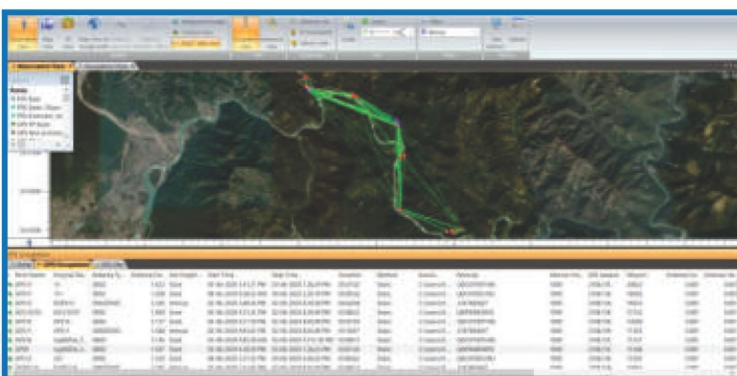
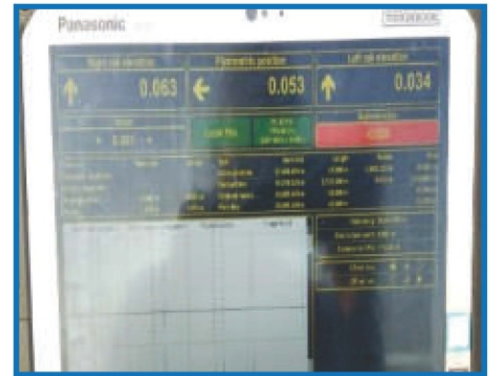
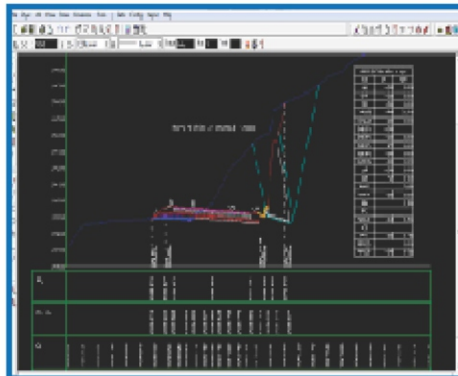
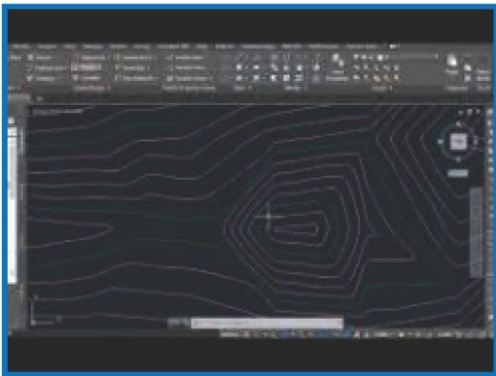


Data Processing and Design Software

We are providing service of data processing, Alignment designing, Area and volume calculation, L-section and x-section of embankment etc.

- DGPS Data process Calculation
- Teramodel software for auto topo drawing drafting
- Auto plotter and Road Estimator software for quantity calculation & X-section drawing
- Civil -3D Mx Rail, Open Rail software for Alignment design of Metro and railway
- Track trolly software for existing rail track geometry improvement

Auto Cad for drawing and Drafting of Mapping



PRESENT PROJECTS

Rail Track Project

Indian Railway

1) Pre & Post tamping track measurement survey using AMBERGE trollies system under the jurisdiction of Sr.DEN (East/CKP. (2nd Call) Total -124 KM from Nov. 2019 to till date...

2) Pre & Post tamping track measurement survey using AMBERGE trollies system or similar under the jurisdiction of ADEN(West)/CKP) Total -140 KM from Nov. 2019 to till date...

M/S Larsen&Turbo Limited

i) WDFC , CTP 1 & 2 Project Amberg Trolley operation on rail track under L & T, WDFC Project (CTP 1 & 2) at Jaipur. From Rewari to Abu road – 2200KM from June 2019 to till date...

ii) DMRC CT-11 Project, Bahadurgarh Depot, Haryana Laying Rail track Work, Installation of turnout, Scissors, Derailing switches, Installation of Buffer Stops, Installation of Level Crossing, Installation of Embedded Rail, Ballastless Track with all Fittings and Fastenings etc.. From May 2017 to till date.

iii) EDFC CP 303 Project, Meerut 3D Topographic survey, DGPS Survey, Traversing , bench mark fixing,Trangulation, RoW Validation, cross section, stakeouts, Control Pillar fixing, Bench mark Pillar fixing , Network Adjustment and Processing of Prime Traverse,Structure work, Final location survey, preparing drawing, report by using Various software etc.. From May 2018 to till date.

Road Project

M/S Reliance Infrastructure Limited

1) Field Survey works for Six (6) laning of Field Survey & Investigation Works for Bihar to Jharkhand, Gorhar Section of NH 2 from Km. 249.525 to Km. 320.810 in state of Jharkhand under NHDP Phase – V from March 2018 to till date...

2) Field Survey works for Six (6) laning of Aurangabad to Bihar – Jharkhand Border (Chordaha) of NH-2 from Km. 180.000 to Km. 249.525 in the State of Bihar under NHDP Phase – V from March 2018 to till date...

Metro Tunnel Project

M/S L&T STEC JV MML3 Project , Mumbai

Supply of survey teams for monthly basis from Jan.2020 to till date...

Bridge Project

M/S DAEWOO – L&T JV, New Ganga Bridge Project (Six Line), Patna

Supply of Four survey teams at New Ganga Bridge Project, Patna for construction development works. From July 2019 to till date..

COMPLETED PROJECTS

Rail Track Project

M/S Larsen & Turbo Limited

i) WDFC CTP -14 Project

3D Topographic survey, DGPS Survey, Traversing , bench mark fixing, Trangulation, RoW Validation, cross section, stakeouts, Control Pillar fixing, Bench mark Pillar fixing , Structure work, Final location survey, preparing drawing, report by using Various software etc. From April 2017 to Feb.2019

ii) WDFC , CTP 1 & 2 Project

Supply of seven survey teams at different packages (A, B, C& D) for construction development works. From 2014 to August 2019

M/S RITES LTD

1) Topographical and final location survey for the proposed fast harborsub-urban corridor between CSTM – Vashi – Panvel section with connectivity to proposed NaviMumbai Airport in Mumbai. From May 2012 to Nov.2016

2) Topographical and final location survey for the proposed new sub-urban corridor between Virar- Vasil- Diva • Panvel section in Mumbai. From May 2012 to Nov.2016

M/S Alstom Transport India Limited, DMRC Vinod Nagar Depot, Delhi

Track laying Work, Installation of turnout, Straight Track, Scissors, Derailing switches, Installation of Buffer Stops, Installation of Level Crossing, Installation of Embedded Rail, Ballastless Track with all Fittings and Fastenings etc.. From July 2017 to June 2019

Airport Project

M/S Larsen&Turbo Limited

i) DIAL Project, New Delhi

1) Conducting topographic survey, Road survey, traverse survey, GPS control point Fixing for Proposed IGI Airport and existing Airport. Traversing, GPS survey Work and supply of survey team for (14 teams) construction development works at IGI Airport from 2007 to 2010

2) Supply of survey teams for traversing by total station, bench mark fixing by Auto level, lines and stakeouts for various construction jobs. Making drawing and submit reports. From April-2007 to Dec 2012

ii) BIAL Project, Bangalore

Supply survey team for topographic survey, GPS control point Fixing Traversing, GPS survey works at BIAL Airport, Bangalore from 2011 to 2012.

COMPLETED PROJECTS

Refinery Project

M/S Reliance Energy Limited

i) Yamuna Nagar ,Haryana

1)Supply of survey team for 2x300MW DCRTTP at Yamuna Nagar ,Haryana with latest own total station we are conducting engineering survey for traversing by total station, bench mark fixing buildings lay out & lines, stakeouts for various construction job survey. Area calculation, preparing drawing, report by using various software. From March 2005 25th April2008.

ii) Hissar ,Haryana

Supply of survey team for 2x600MW DCRTTP at Hissar ,Haryana for bench mark fixing buildings lay out & lines, stakeouts for various construction job survey. Area calculation, preparing drawing, report by using various software. From March 2007 to Oct2009.

iii) Raghunathpur ,West Bangal

Supply of survey team(Three teams) for 2x600MW at Raghunathpur ,West Bangal for traversing by total station, benchmark fixing buildings lay out & lines, stakeouts for various construction job survey. Area calculation, preparing drawing, report by using various software. from March 2008 to till date.

Metro Project

M/S Larsen & Turbo Limited

i)DMRC PKG CC 06- Viaduct Badarpur Faridabad Corridor Project, Haryana

Supply of Six survey team for for traversing by total station, bench mark fixing taking profile,3D topographic Survey, cross section, stakeouts for various construction job calculation, preparing drawing, report by using various software. from February 2012 to Dec 2014.

ii)DMRC PKG CC 27 Project, Delhi

Construction of Under Ground works of tunnelling and stations for DMRC PKG CC 27 Project, Delhi from February 2012 to Sept.2017

iii)LKCC – 01 Project, Lucknow

Supply eight survey teams for all survey related works from Dec.2014 to Dec.2016

iv) Udyag Bhawan & Green Park Metro Project, Delhi

Supply of survey team for Udyag Bhavan we are conducting engineering survey for Triangulations by total station, bench mark fixing by digital level, 3D monitoring for buildings & lines, stakeouts for various construction job. Area calculation, preparing drawing, report by using various software. From November 2006 to March 2010

COMPLETED PROJECTS

M/S DMRC Limited

- 1) Alignment centre line marking on Soffit of property deck area at Khyber Pass
- 2) DGPS Point Fixing ,Traversing ,Bench Mark Fixing For AMEL (Airport Metro Express Line) Total – 26 KM

M/S Gamman India Limited

Works survey works for construction of viaduct including related works for 5.27km length including station area from CH-6400 to ch 12570 between VIP Bazar to NICCO park in newgaria airport corridor of Kolkata Metro Railway Line. From March 2014 to till date Dec 2015.

M/S SOMA ENTERPRISES LIMITED

I) Kochi Metro Rail Project

we are conducting survey for construction development works. From July 2013 to Sept 2017.

I) Bangalore Metro Rail Corporation

we are conducting survey for construction development works. From Oct 2010 to Sept 2015.

Transmission Line Project

M/S Sterlite Power Grid Ventures Limited

Details Pre – bid Survey for SPGVL at Haryana- Rajasthan – Gujarat Section from 05/04/2019 to 30/04/2019 Measure Work: GPS control point fixing, Topography, Traversing, Leveling etc. Total – 406.087KM

Construction Setting out & Development

M/S Larsen & Turbo Limited

The setting out and construction surveying are the core competences of OMSE. Besides the highly specialized Construction Setting out advance surveying, OMSE provides all surveying services for all types of construction works. Whether you are building a power station, a road or a residential complex or want to build a private single-family house – OMSE is your competent partner. Supply of survey teams for Indian Oil Corporation Limited (Panipat refinery & Mathura refinery) we are conducting engineering survey for traversing by total station, bench mark fixing by Auto level, lines and stakeouts for various construction jobs. Making drawing and reports. From 1-Nov-2003 to may 05.

Highway Project

M/S Larsen & Toubro Limited , Nashik Flyover Project, Maharashtra

GPR Survey for utility detection and survey team for construction work at Road and flyover project at Nashik . From March 2010 to Dec 2014

Name Of Major Clients

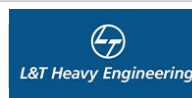
Sr. No.	Client	Sr. No.	Client
1	Indian Railway	23	M/S Emmr MGF Construction Pvt.Ltd.
2	M/S RITES Ltd	24	M/S Toyo Engineering India Limited,
3	M/S Larsen & Toubro Limited , Construction	25	M/S Continental Engineering Corporation.
4	M/S Larsen & Toubro Limited , Heavy Civil	26	M/S Honeywell Airport Systems GmbH.U.S.A.LA
5	M/S Delhi Metro Rail Corporation(DMRC)	27	M/S Navayuga Engineering Company Ltd.
6	M/S Reliance Industries Limited	28	M/S SMCC Construction India Limited
7	M/S Reliance Infrastructure Limited	29	M/S Samsung Engineering & Construction India Pvt. Ltd,
8	M/S Reliance Energy Limited.	30	M/S IJM
9	Alstom Transport India Limited	31	M/S Ircon International Limited.
10	Sterlite Power Grid Ventures Limited	32	M/S ALPINE –HCC JV
11	M/S. Reliance Petroleum Limited	33	ITD-ITD Cementation JV
12	Mangalore Refinery Project Limited	34	Aluwalia Contractor Limited
13	M/S Dhabol Power Project	35	B.E.Billimoria & Co.Ltd.
14	M/S R.D.Konsultant Pvt.Ltd	36	Panasonic India Ltd. Jhajar Project,
15	M/S Inter National Metro Civil Contractor	37	M/S R.D.Consultant
16	Indian Oil Corporation Limited (IOCL)	38	LANCO INFRATECH LTD,
17	M/S Kalindee Rail Nirman (Engineers) Ltd.	39	Nussli (Switzerland) Ltd
18	M/S Simplex Concrete (India) Ltd.	40	IJM Projects Limited.
19	M/s Afcons Infrastructure Limited.	41	DLF Limited,
20	M/S Utility Energytech and Engineers Pvt. Limited	42	Kochi Metro Rail Corporation
21	M/S Hindustan Construction Co Ltd	43	Toshiba Thermal Power Project
22	M/S Lighton Construction Private Limited	44	DAEWOO - L&T JV, Patna Project,

and many more

They Trust Us



SAMSUNG



Sterlite Power



Indian Oil Corporation Limited

ALSTOM

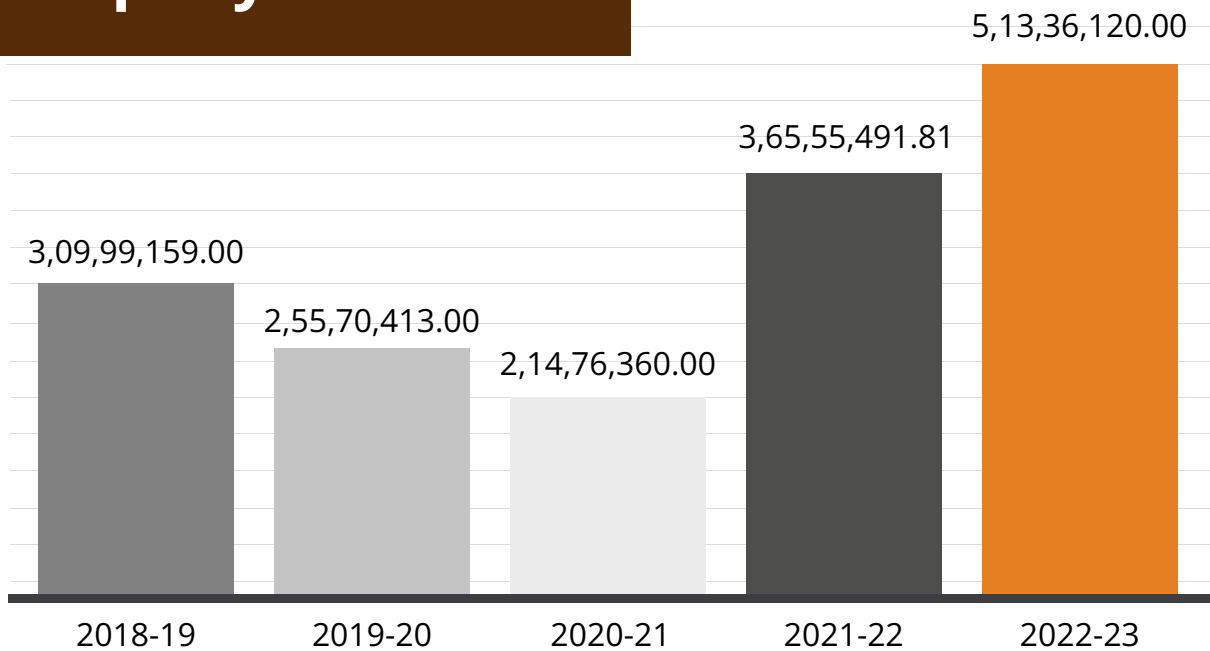


Panasonic



LANCO

Company Growth



About Our Technology

- 1) Most of the equipment is company owned leading to substantial savings in operation costs. Equipment resources include high-end Total Stations, high precision surveying instruments,
- 2) We have a sophisticated and large CADD centre with high-end workstations, state-of-the-art software, printers and plotters. Similarly we also have a large data bank, reference materials/ documents, publications, project reports and in-house customized software tools.
- 3) OMSE owns an aesthetically designed office measuring 40,000 sq. ft. in Balasore – at Orissa in India. It has a campus like environment. Customer satisfaction, on-time service and continuous improvement in products and services are prime concern in OMSE's Business philosophy. Our quality policy ensures that high-class services are always rendered to the client with full consumer satisfaction.

OMSE QUALITY CONTROL SYSTEM IS SUPPORTED

- An ISO9007-2075 certified company.
- Approved Management & Technical Procedures
- Selection criteria of surveyors, Asst. surveyors & helpers
- System and Design Control and Registration Document.
- File Management Document Identification Upgrading.
- Knowledge and Skill Standardization and Upgrading.
- Equipment and Instruments Secured and Safe IT and CADD
- Feedback from the Clients and the Sites

Health, Safety & Environment Policy

OMSE maintains strict adherence to Health, Safety and Environment policy in the work environment while providing services to the customer.

Quality Assurance System

To ensure comprehensive project implementation activities carried out and to ensure complete compliance with the drawings, technical specification and various stipulations contained in contract document with high standard of quality assurance.



- Responsible for the timely implementation of the Project
- Close monitoring of the Project during all the stages of survey works.
- Main guiding force to the survey team at site and maintains a watch on the over all activities including quality assurance.
- Close liaison and Coordination with the Employer.
- Providing home office support required if any in implementation of the Project.
- To provide any replacement/reinforcement of the team for efficient and complete the works within the period provided in the contract during the scheduled contract period.
- Responsible for performance/conduct of various personnel provided.
- To work as an agent of the Employer in process of implementation of the project.
- To undertake regular site visits, responsible to all activities at site.
- Helps Employer to have full information & opportunity to their views in all matters.
- Test Checking of location of various Chainage, start point, End point, permanent structures cross drainage structures.
- Test Checking of Benchmarks, Co-ordinates, and Reference pillars, T.B.M etc.
- Test Checking of levels for pre-work; post-work as well as at intermediate levels
- Test Checking of setting out of various horizontal and vertical curves.
- Test Checking proposal of temporary works; junction layout, intersection layout etc.
- Test check of lines and levels during surveying activity at site.
- Selection criteria of surveyors & helpers
- System and Design Control
- File Management Document Identification
- Upgrading of Knowledge and Skill Standardization and Upgrading of Equipment and Instruments Secured and Safe IT and CADD
- Feedback from the Clients and the Sites

Contact Us

Let's build a better future with
precision and expertise!



Changing Data to Information
(An ISO 9001-2015 Certified Company)

Landline Number: 011-22771514,

Phone Number: +91 9312271521

Website: www.orimansurvey.com

Email ID: admin@orimansurvey.com

Corporate Office: Office-233, DLF Gallaria, Phase -1,
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