



# Doon Survey Company

AN ISO 9001: 2008 CERTIFIED

## Company Brochure

### About Doon Survey Company

Doon Survey Company established in the year of 2003, Sole Proprietorship business firm, came into existence in the industrial town of Ghaziabad; Uttar Pradesh in India has proved itself to be as one of the leading service providers engaged in offering quality Survey. We equipped with the best technology and we provide comprehensive range of survey which includes GPS Control surveys, Boundary surveys, Topographic Land surveys, setting out surveys, Route Alignment Survey, Volume calculations, GPR survey and Engineering survey. In our field operations, we use cutting edge technologies, and all of the latest office processing and CAD software. Our goal is to produce high quality surveys. We always ready to dedicate to the client service for completing the project and getting the job done right. In our field operations, we use cutting edge technologies, and all of the latest office processing and CAD software. We have the most modern equipments with high accuracy level of well established brand like NIKON, LEICA, SPECTRA PRECISION, WILD NAKO, SOKKIA, TRIMBLE etc. We have in our possession a number of software for topographical, geological, mineral evaluation, geographical information system (GIS), geophysical and geotechnical surveys such as AutoCAD, etc.

We hope that the information included in this brochure will give you an idea of our firm's experience and capabilities. We know you will find that Doon Survey Company is well experienced to provide topographical survey services and we look forward to working with you on all your projects.



### Our Services

**Topographical Survey:** We offer a wide range of services for Engineering Survey/Topography Survey of Built up Survey, Housing Development, Airport Development, Metro/Railway Development, Highway Development.

**Engineering Survey:** Volume calculation, Area calculation, Precise positioning, Construction setting-out, Quantity Survey, Cadastral Survey, Map digitization.

**GPS Control Survey:** Primary control networks, Static and real-time observation, Setting-out, Survey control station.

**Power Project Survey:** We offer a wide range of services for Engineering Survey/Topography Survey of hydro power projects.

**GPR Survey:** Underground Utility Survey, Power Cables, Communication Cables, Sewer Line, Water Line, Storm Water. Gas Pipe Line.

### Topographical Survey



## Digital Global Positioning Survey (DGPS):

Differential Global Positioning System is a space-based satellite navigation system that provides location and time information in all weather, anywhere on or near the earth where there is an unobstructed line of sight to four or more DGPS satellite. It's made up of three parts: satellites, ground stations, and receivers. GPS has been found to be very useful. Some of these applications are: surveying, mapping, navigation and vehicle tracking. Real Time Kinematic uses a radio data link to transmit satellite data from the Reference to the Rover. This enables coordinates to be calculated and displayed in real time, as the survey is being carried out. It is found that DGPS surveying is one of the fast, reliable, and cost effective techniques. In addition, DGPS is the backbone for modernizing the global air traffic system.



## Metro Project Survey



### We offers a wide range of services for Engineering Survey/Topography Survey of Metro Development field survey work activities are as follows:

- 1) Construction & Fixing of Reference Pillars/Bench Mark Pillar.
- 2) Fixing and location of horizontal and vertical grid
- 3) Traverse survey of Section.
- 4) Precise levelling of Control Points.
- 5) Field Survey- Post Processing of field data, drafting and plotting the topographic map.

### We offers a wide range of services for Engineering Survey/Topography Survey of Rapid Rail Development and Field survey work activities are as follows:

- Construction & Fixing of Reference Pillars/Bench Mark Pillar.
- Fixing and location of horizontal and vertical grid
- Traverse survey of Section.
- Precise levelling of Control Points.
- Field Survey- Post Processing of field data, drafting and plotting the topographic map.

#### RRTS SURVEY

- Jointly Inspection by Doon Survey company surveyor, L&T and NCRTC representative at site during Total Station survey for RRTS connectivity between Duhai to Shatabadi Nagar, Meerut Project.

## Rapid Rail Project



## GPR Survey-Underground Utility Mapping:

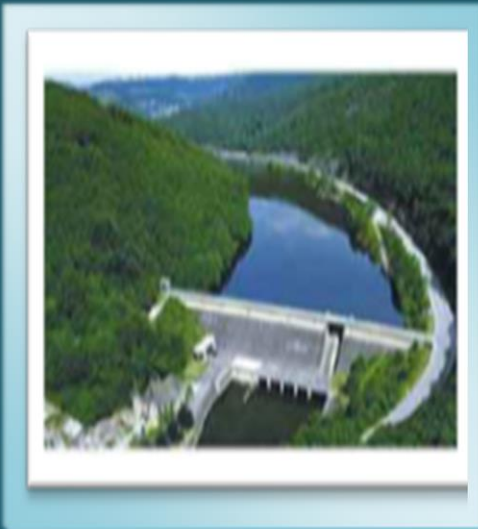
Ground-penetrating radar (GPR) is a geophysical method that Ground Penetrating Radar (GPR) uses a high frequency radio signal that is transmitted into the ground and reflected signals are returned to the receiver and stored on digital media. The computer measures the time taken for a pulse to travel to and from the target which indicates its depth and location. The reflected signals are interpreted by the system and displayed on the unit's LCD panel.

The purpose of an Underground Utility Survey is to produce a three dimensional drawing or site mark up of all underground utilities in a particular area. This cost effective methodology uses a combination of non-intrusive techniques to provide a comprehensive drawing of the sub-surface without the need for digging. Underground Utility Surveys detect all drainage, foul sewer, water main, oil and gas lines, power cables, fibre optic cables, telecom cables and ducting.

## **Topographical Survey for construction of Integrated Cargo Terminal at Chandigarh and Ahmadabad International Airport:**

We provide Topographical plan for design of Cargo Complex. Main activities of the field survey services are to carry out the topography survey for construction of Integrated Cargo Terminal at Chandigarh and Ahmadabad International Airport provided by RITES. The Doon survey team collected data for design of Cargo Complex from Chandigarh & Ahmadabad Airport.

## **Airport Project Survey**



## **Hydro Power Project**

### **We have provided topographical survey services on Hydro Power Project are:**

- Topographical Survey of Kurpan Hydro Electric Project Rampur (H.P.)
- Topographical Survey of Lethang Hydro Electric Project (60MW) in West Sikkim.
- Topographical Survey of a Canal Based Hydro Electric Project  
Stage Topographical Survey of a Canal Based Hydro Electric Project Stage I,II and III in Pathankot (Punjab).
- Topographical survey of (Lujai nala, village Sural Bhatari) Dugar Hydro Power project.

## **Typical Topographical Survey services**

### **We provide include the following:**

1. Topographical Survey work of land at IGI Airport.
2. Topographical Survey along the alignment from New Delhi Railway station to Budha Jyanti Park for Airport Express Samsung- line section C-1 & C-6
3. Topographical Survey of Kurpan Hydro Electric Project Rampur Kalpan Hydro (H.P.)
4. Topographical Survey of the site at Pipavav Port in Gujarat.
5. Topographical survey of New Delhi Railway Station.
6. Topographical survey work for the DPR of the proposed Metro DMRC Ltd Phase- III Corridors about 85 km.
7. Topographical Survey of a Canal Based Hydro Electric Project Gill Acqua Stage I,II and III in Pathankot (Punjab).
8. Topographical Survey of Allain river from upstream of Allain Barrage to junction of Beas River.
9. Topographical Survey for construction of Integrated Cargo RITES Terminal at Chandigarh International Airport and Ahemdabad International Airport.
10. Topographical Survey Work of DMRC-02, (Maujpur to Majlis KEC Park) Project, Delhi.
11. General survey work for preparation of Final Survey Report L&T for RRTS connectivity between Duhai (EPE) to Shatabadi Nagar, Meerut (Lot-1 & Lot-2).



We also Expertise in:

**Railway Project Survey, Metro Projects Survey, Rapid Rail Project Survey, Highway Projects Survey, Airport Project Survey, Hydro Power Project Survey, Canal Project Survey, Thermal Power Station, Bus Rapid Transit Corridor, Pipe line project survey , Building Construction Project Survey and ROB/RUBs/Subways/Underpass/Flyovers survey etc.**

**Type of Survey:** Engineering survey, Topographical surveys, Route Alignment Survey, GPS Control surveys, setting out surveys, Boundary survey, Cadastral Survey, Quantity Survey and GPR survey.

Our Valuable Clients:



Contact Us:-

**DOON SURVEY COMPANY**

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