SECON’s Core Strength
- Over 3 decades of experience (established 1981)
- Financially sound and zero debt company
- ISO 9001 (2015), NABL, and CMIMI Level 3 Accredited
- Large database, In-house customized Software
- Major share of Pipeline, Irrigation and Road Projects in India
- Engineering and GIS Expertise to design and manage critical infrastructure and assets.
- Experienced professionals and global business partners
- Highly motivated and mobilize-able exposed to different terrain conditions
- High precision tools for Survey and Geotechnical Investigation
- Comprehensive in-house Testing Laboratory
- Oil & Gas - Offshore Service Model

The scope of services provided by SECON encompasses
- In-house capability for generation of GIS compatible Macro and Micro Level Base Maps in a Digital Environment by Traditional Modern Method, Aerial, Remote Sensing, Airborne and Ground LEAR
- Investigation services for Geotechnical, Airborne Gravity Survey
- Detail Engineering, Bid Documents and Project Report
- Construction Supervision, Contract Management, Inspection Services
- Multidisciplinary approach in GIS compatible environment

SECON is the only firm that offers Total Solution from a Single Window for Data Capture, Planning, Design, Construction Supervision, GIS Solutions in-house

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Tel: +91-80-41957178, Fax: +91-80-41954077, E-mail: feedback@secon.in
Office: Mumbai, New Delhi, Vadodara, Bhopal, Tirupur (Tamil Nadu), http://www.secon.in

GIS Driven Multidisciplinary Engineering Consultancy

Design Consultancy and Engineering Services
- Highway Engineering & Construction Supervision
- Public Health Engineering, Water Supply, Treatment and Drainage
- Irrigation, Flood Control & Water Management
- Cross Country Pipeline Transportation, City Gas Network
- Establishment of Property Ownership Records and GIS Based Information Systems
- Environment Impact & Management Plan
- Tree Planning, Electrical, Telecom & Utilities
- Right of Way Acquisition & Permitting and Clearance
- GIS driven Software for Asset and Land Information

Investigation and Services
- Photography, LIDAR & Remote Sensing
- Geotechnical Engineering, Deep Boring, Seismic and Geophysical Surveys
- Underground Utility Detection (GPR), Non Destructive Testing
- Underground Leak Detection and Survey, Structure Sonar and Structure
- Airborne and Ground Geophysical Surveys
- Route Planning, 3D Corridor Mapping & Generation of GIS Database
- GIS/CADD/Data Processing
- Geodetic, Topographic, Engineering, Cadastral, Hydrological Survey

Total Solution from a Single Window
**Construction and Engineering Services**

**Highway Engineering and Construction Supervision**


- **SECON** is driven by customer satisfaction, Design Engineering and Detailed Project Report (DRP)
- **SECON** has completed the multidiscipline assignment in a meticulous and professional manner to our satisfaction.

- **“The first consultant to execute the job in a professional way. We have no hesitation in recommending SECON to others.”**
  - Dept. of Irrigation, Govt. of Andhra Pradesh

**Irrigation, Flood Control and Water Management**

- **Over 50,000 km of Survey, investigation using Modern Technology**
- **Design of Irrigation and Water Management projects**
- **Macros, Micro Level Survey, Geospatial Analysis, Investigations, Hydrology, capacity survey and soil investigations for reservoirs**
- **Land Acquirability and Rehabilitation Plan for submergent area**
- **Hydraulic Model Study, Flood Control Planning**

- **Comprehensive Planning for Command Areas**
- **Barrage, Dam, Reservoirs, Irrigation, Water Supply**
- **Turnkey Land Acquisition and Decongestation of Land Records**

**Cross Country Pipeline Transportation, City Gas Network**

- **50 km of Pipeline corridor projects**
- **Comprehensive EIA and EMP Report for Forest and Environmental Clearance**
- **Develop vegetation, wildlife and habitat protection schemes**
- **Extensive data collection and analysis**
- **Land use analysis, conceptual and layout plan**
- **Environmic Impact Study and Management**
- **Assistance for Pipeline Construction, Land related issues**

**Environmental Impact and Management Plan**

- Extension data collection and analysis
- Pollution monitoring; air, water and noise emissions
- Identification and evaluation of environmental impact
- Risk analysis and disaster management
- Diverse vegetation, wildlife and habitat protection schemes
- Comprehensive ENVIS/ MIPE and Environmental Clearance

**Project Management and Supervision**

- **Environmental Impact Study and Management**
- **Assistance for Pipeline Construction, Land related issues**
- **Non destructive Testing (NDT)**

**Right of Use Acquisition and Permitting**

- **Assistance in site selection and evaluation**
- **Property & Land survey and valuation**
- **Data management system for property inventory**
- **Assistance for ROU Acquisition, Permitting and Way Leave License**
- **Valuation of land, crop and fertility loss, for compensation**

**Gis driven Software for Asset and Land Information**

- **Field Data Collection and GIS Database generation**
- **System Study, Design of Underground Intersec and GIS database**
- **Needs Assessment, Gap Analysis and Architecture Design**
- **Web enabled Software for Asset and Management**
  - City Gas, Inhouse Software Products for Land, Asset, Alignment Sheet, ROU/ROW, Irrigation System etc.

**Investigation and Services**

- **Geotech Engineering, Deep Boring**
- **Seismic and Geological Surveys**

  - **Over 6,000 km of Geophysical Investigation and Drilling**
  - Vertical, horizontal, inclined drilling with Hydraulic and Rotary Rig
  - **Phase Survey, Static, Dynamic and Pipe Correlations**, **Block Borehole, Pressure Water, Cross Hall Sounding Test**
  - **Engineering, Geophysical and chemical parameters of Soil, Rock and Water**
  - **Anisotropy, Corrosion Survey and Non Destructive Tests of buried utilities**
  - **Stable Slope Analysis and Mitigation**
  - **Pipeline in Design**

**Underground Utility Detection (GPR)**

- **Non Destructive Testing (NDT)**
- **Ground Penetrating Radar (GPR) is one of the latest available Geophysical techniques used for exploring the sub-surface to determine & validate the presence of underground utilities subject to soil conditions**

- **Detection and Interpretation of Buried Utilities**, **Water, Sewerage, Electrical and Optical Cables also used for soil stratification including delineation of rock profile until pipeline depth**

- **Pipe Locator for buried Pipeline and mapping not**

**Photogrammetry, LiDAR and Remote Sensing**

- **Remote Sensing subject to soil condition**
- **LiDAR Technology**
- **Satellite Image Processing, Land Use Plan**
- **LiDAR Data Characterisation, Aerial and Mobile LiDAR Survey**
- **Aerial Photography, Hyperspectral and LAAS Acquisition**

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