

Oil & Gas Sector :

Increasing industrialization and usage of gas coupled with rise in population and economic growth is fueling the demand for energy products and solutions.



Our services for City Gas Distribution (CGD) & Cross country Pipelines

SURVEY

- Reconnaissance Survey
- Details Engineering Survey, (Route Map, Alignment Sheets, Cross Section)
- Population Density Survey
- Cadastral survey
- Soil-Investigation & Geo-Investigation for CGS/SV/CNG Station
- Soil stratification & classification survey

ROU & LAQ

- Establishing of Right of user (ROU)
- Land acquisition for CGS, MRS, DRS, SV & CNG STATION

OBTAINING STATUTORY PERMISSION & CLEARANCE

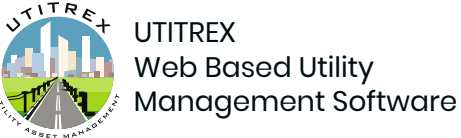
NH/Expressway, Railways, State Highways, Municipal Permission, Water Bodies, OFC, Foreign Pipeline/other pipelines and NOC from Land Owners. DM-NOC, PESO

GIS MAPPING

Preparation of Base map of the City from Satellite Imagery, Detection & Mapping of Underground Utilities and Pipelines Collection of Detail & Document of consumer, Generation of GIS database and GIS Based Software Development for the network, GIS & CAD Data development ( PIMS& LIS )

Web Based Asset Management Using GIS :

It is a sophisticated approach to handle the assets and finances using Geospatial technology. Geospatial technology is about using a range of modern tools used for geographic mapping and analysis. Its core competency lies in providing solutions across the entire geo-spatial domain – from data creation, conversion, analysis, modeling and management. A combination of unique skill sets with expert realm and functional capabilities is the primary and distinctive differentiator of HRP Infra. In simple words, just a few clicks on the map or a typing of few words can get you all the information with relevant documents, pictures, etc using the asset management system developed by us.



Corporate Office :

437, Yash Arian, Swami Vivekanand Circle, Memnagar, Ahmedabad, Gujarat

Contact :

+91 9824231708,  
+91 9016820264

Project Office :

Visakhapatnam | Bhopal | Valsad  
Jodhpur | Moradabad | Bengaluru

Email :

info@hrpinfra.com  
www.hrpinfra.com

HRP INFRA PVT. LTD.  
Water | Road | Irrigation | Oil & Gas  
GIS Driven Engineering Consultancy

HRP Infra Pvt. Ltd.

- Design Consultancy
- Survey & Investigation
- Project Management
- ROU & Land acquisition
- Asset Management
- GIS

GIS DRIVEN  
ENGINEERING CONSULTANCY

WATER | WASTE WATER | IRRIGATION | OIL & GAS





WATER & ENVIRONMENTAL SECTOR :

Our approach is to deliver services in Water & Environmental sector – whether a city water supply scheme, a regional water treatment plan, or a city sanitation plan – is always logic-based, project-specific, and tailored to our clients’ particular requirements.



Our ability to deliver high-quality engineering design & project management services is based on our teams’ strong understanding of the standards, codes, design-processes, national and local policies, project constraints, and financial issues specific to each of our clients and their respective industries and sectors. We use a wide range of the latest technical software for water and environmental modelling with highly-skilled and experienced staff.



Under the Water & Environment sector, We provide following services :

Topographical Survey, Hydraulic modeling & analysis, Structural design of water retaining structure, Pumping station & machinery design, utility detection & mapping, project management consulting services, ROU acquisition, specific to the following project types.

- Water Supply Schemes
  - Waste Water & Underground Drainage Schemes
  - City / ULB Storm Water Drainage Schemes
- Solid Waste Management Plans
  - Water Treatment Plants & Pumping Stations
  - City / ULB Environmental Plans

ROAD, HIGHWAY& BRIDGE SECTOR:

Modern Technologies like Remote Sensing fused with extensive Computer Applications for Survey, Planning & Design are used for designing of all types of roads like Highways, Urban Roads, Hill Roads and other Road Networks. Structures related to the same like Bridges, Flyovers, tunnels, etc are designed using latest software and codes including Land Acquisition assistance.



SURVEY AND INVESTIGATION

- Feasibility Study & analysis with Social Surveys of Road Corridor, Survey Control, Traffic control & Data capture using Modern Technology & instruments
- Preliminary and Final Location Survey
- Geotechnical, Material, Pavement and Subgrade Investigations
- Hydraulic and Hydrological Investigations



LAND ACQUISITION

Land Acquisition and Computerization of Land Records

DESIGN ENGINEERING AND DETAILED PROJECT REPORT (DPR)

Road Geometrics, Intersections, Alignment Plan, Sections Rigid and Flexible Pavement Design Design of Major & Minor bridge Structures

OBTAINING STATUTORY PERMISSION & CLEARANCE

NH/Expressway, Railways, State Highways, Municipal Permission, Water Bodies, OFC, Foreign Pipeline/other pipelines and NOC from Land Owners. DM-NOC, PESO

GIS MAPPING

Preparation of Base map of the City from Satellite Imagery Generation of GIS database and GIS Based Software Development for the network

Irrigation & Water Resources Management Sector:

We design irrigation schemes that help in artificial supply of water to soil for raising crops. It is the engineering of controlling and harnessing the various natural sources of water, by constructing dams and reservoirs, canals and headworks, and finally distributing the water to the agricultural –fields.



Irrigation engineering includes the study and design of works in connection with river control, drainage of waterlogged areas and lift irrigation scheme.

Under the Irrigation & water resources management sector, HRP Infra provide following services :

Canal alignment Survey, Command area survey, Hydraulic modeling & analysis, Structural design of canal bridge, Head regulator, cross regulator & canal shyphon, Pumping station & machinery design, Canal Network planning, Micro irrigation (Drip, Sprinkler), mapping of Irrigation Scheme & project management consulting services, specific to the following project types.

- Flow irrigation Schemes
  - Lift irrigation scheme
  - Drip Irrigation scheme
  - Sprinkler Irrigation scheme
- Pivot Irrigation scheme
  - Flood Control & Disaster Management
  - Land Scaping Engineering