GIS DRIVEN MULTIDISCIPLINE ENGINEERING CONSULTANCY

- WATER
- WASTE WATER
- IRRIGATION
- OIL & GAS

HRP Infra Consultants Pvt. Ltd.

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

Our dedicated team at HRP Infra operates across all sectors of the civil engineering like water supply engineering, wastewater engineering, storm water engineering, structural engineering, GIS engineering, etc. We provide a wide range of services, viz. investigation and development of water resources, assessment of water needs & implementation of appropriate supplies as well as the treatment and disposal of wastewater.

FROM THE MANAGEMENTS DESK

We established ourselves with the ambition of becoming a multi-disciplinary civil consultancy firm. Our inhouse strength to carry out extensive field work has been pivotal to the company’s development. With the help of our experience design team we deliver best quality work. Our quality management system has been certified by ISO 9001.

Hiren Patel
Managing Director
At HRP Infra, our approach to delivering 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 design, engineering & 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, HRP Infra 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
IRRIGATION, FLOOD CONTROL & WATER RESOURCES MANAGEMENT SECTOR:

HRP Infra designs 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
OIL & GAS SECTOR:

A major component of an Infrastructure project includes Land Acquisition, obtaining Clearances and Permitting. HRP Infra has undertaken assistance in Land Acquisition, Clearances and Permitting for Cross Country Pipelines, Highways and other Infrastructure projects.

Under the Oil & Gas sector, HRP Infra provide following services:

- City Gas Distribution (CGD) Network
- Cross country Oil & Gas transportation pipeline
- Route optimization and identification of Pipeline
- Generation of Alignment Street Coridor
- Right of Use (ROU) acquisition

SPECIAL ENGINEERING SERVICES:

Underground Utility Detection (GPR):

Ground Penetrating Radar (GPR) is one of the latest available geophysical techniques used for exploring the sub surface to determine and validate the presence of underground utility. Detection and interpretation of buried utility, water, sewage, electrical and optical cables also be used for soil statification including delinetation of rock profile up to the shallow depth.

GIS driven software:

- Field data collection and GIS database generation
- System Study, Design of multilingual interface and Geo- database
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.

UTITREX
Web Based Utility Management Software

AQUASSET
Irrigation Asset Management Software

Web Based Structure Management Software
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