



ProDes Consulting Engineers Pvt Ltd

ASPIRING INFINITE INNOVATIONS



HI THERE!

ProDes is a leading creative agency specializing in transforming ideas into exceptional experiences through innovative and impactful design solutions.

With a team of visionary designers, skilled technicians, and strategic thinkers, ProDes has established itself as a trailblazer in the industry. This write-up explores the firm's key attributes, design philosophy, core services, and notable projects, showcasing its commitment to excellence and client satisfaction.

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ABOUT COMPANY



ProDes Consulting Engineers Pvt Ltd is a detailed design and engineering firm that was founded in the year 2011. The company specializes in providing detailed engineering services for various disciplines. Over the course of more than 12 years, ProDes has successfully completed more than 150 projects in the field of detailed engineering and design services. These projects have been undertaken in collaboration with renowned consultants and clients from around the world.

At ProDes, we believe that design is not just about aesthetics; it is a powerful tool that can shape emotions, solve complex problems, and create meaningful connections. Our design philosophy revolves around three fundamental principles: innovation, functionality, and user-centricity. By combining these elements, we craft remarkable designs that captivate audiences, deliver seamless experiences, and exceed expectations.



DIRECTOR'S PROFILE

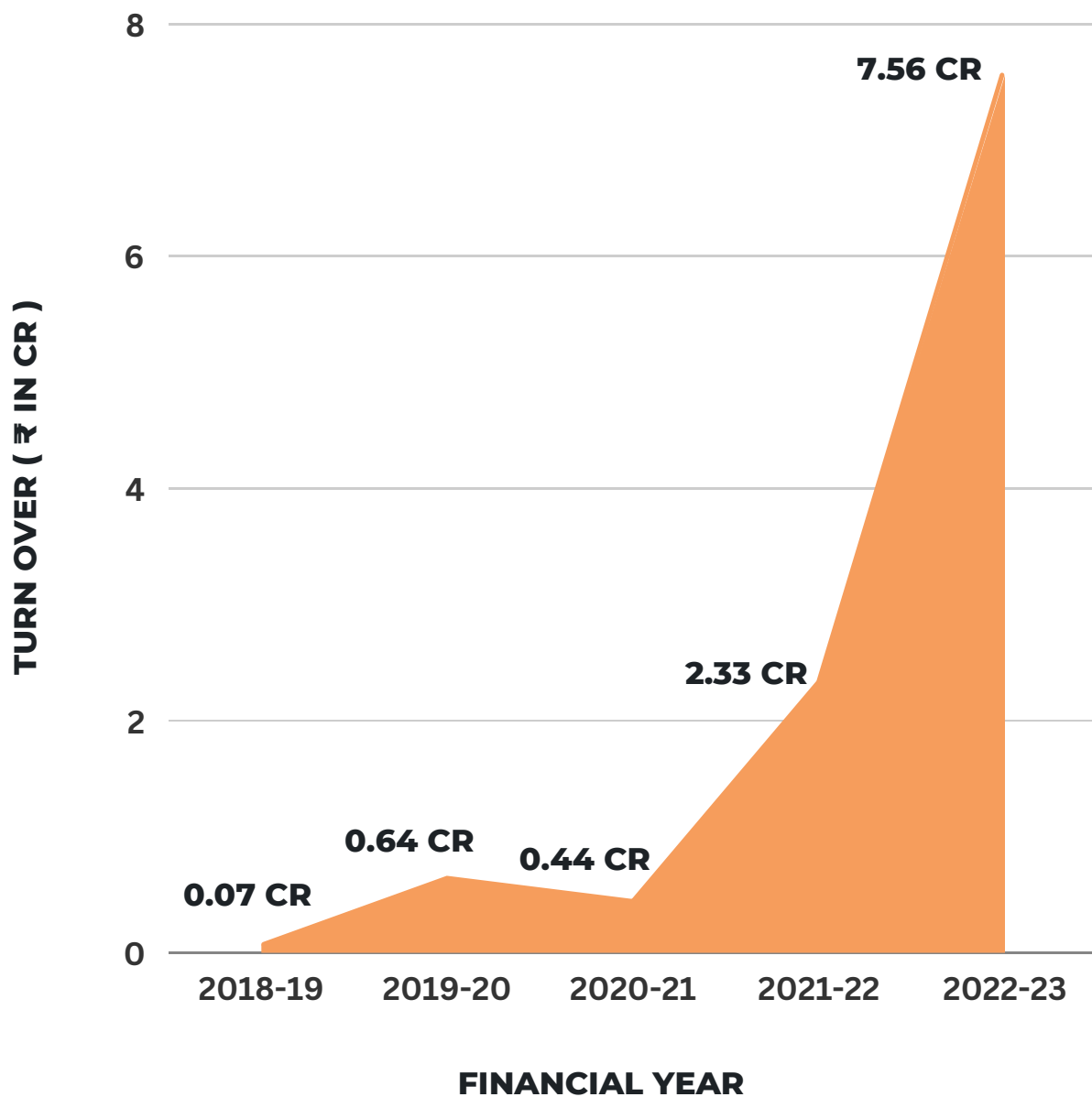
Mr. RAJIV RANJAN PRAKASH
(B. Tech. Chemical Engineer)
Having 12 years of experience
in designing treatment plants.
WTP/STP using SBR, MBR,
MBBR etc., technology,
Renewable Energy.



Mr. UDAY DESAI
(M. Tech, Environment, AMIE,
Chartered Engineer) Having
12 years of experience in
Municipal Water &
Wastewater Engineering.



FINANCIAL GROWTH



HOW WE WORK

1

Creativity and Vision: ProDes fosters a culture of innovation, encouraging its team to think beyond conventional boundaries and explore fresh perspectives. The firm's designers possess a keen eye for detail and a natural ability to envision unique concepts that push the limits of imagination.

2

Collaboration and Partnership: The firm understands that great designs are born through collaboration. ProDes values strong partnerships with clients, actively involving them in the design process to ensure their visions are accurately translated into reality. The team also collaborates internally, harnessing the collective expertise of multidisciplinary professionals to achieve holistic design solutions.

3

Technical Expertise: ProDes prides itself on its technical proficiency, leveraging cutting-edge tools and technologies to bring designs to life. The firm's skilled technicians are adept at employing state-of-the-art software, prototyping techniques, and manufacturing processes to deliver flawless end products.



OUR SERVICES

 Water & Waste Water Engineering

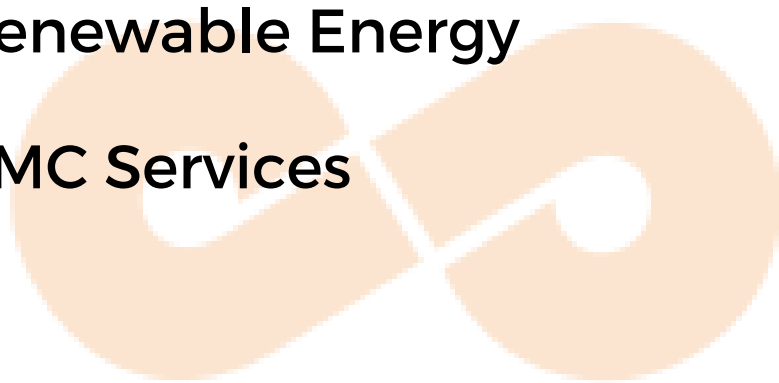
 Survey Work

 Civil & Structural Engineering

 Road & Building Works

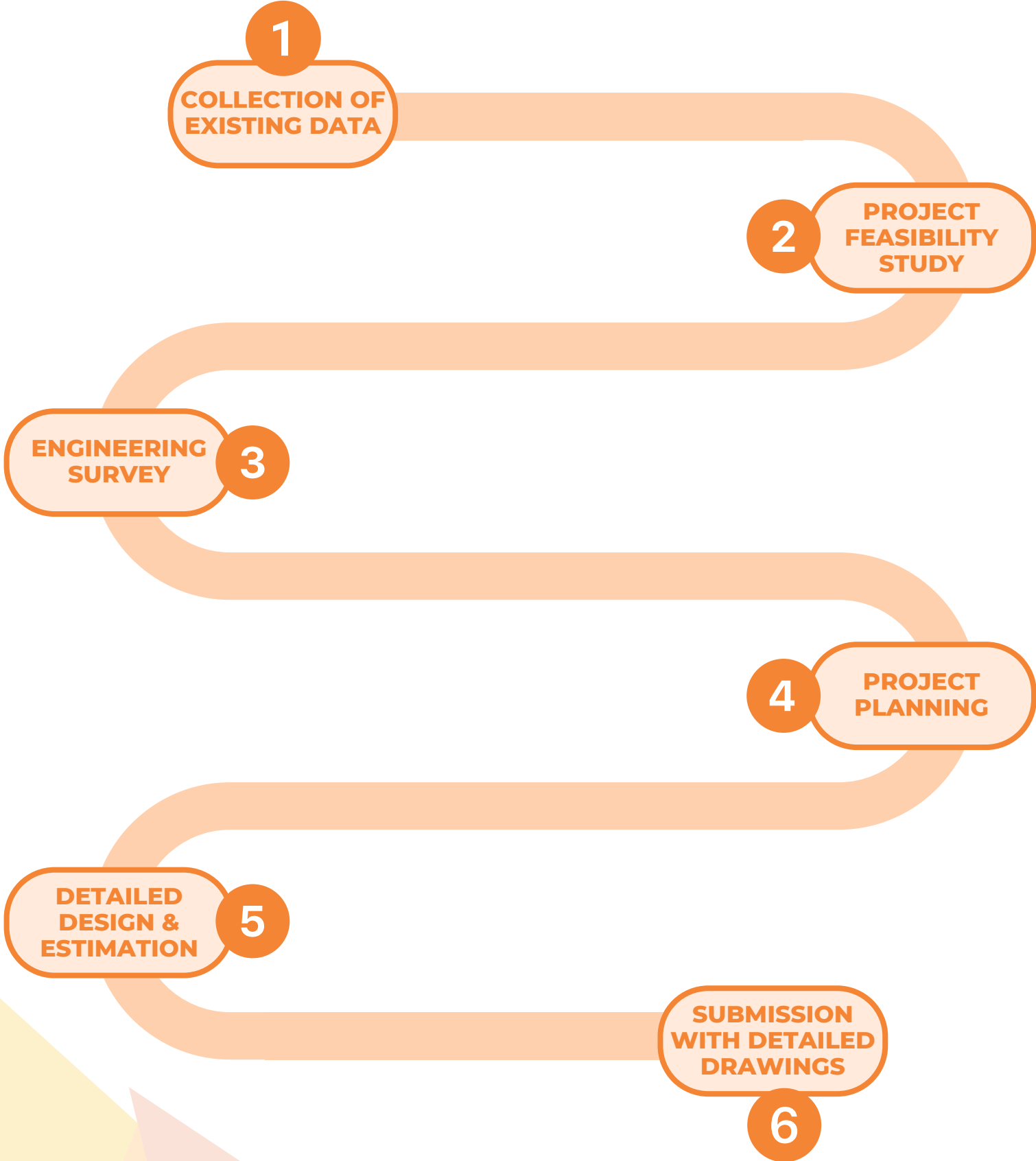
 Renewable Energy

 PMC Services



PROJECT ROAD MAP

WATER & WASTE WATER ENGINEERING



COMPLETED PROJECTS

WATER & WASTE WATER ENGINEERING

- ∞ Detailed Project Report For Water Supply Distribution Network For Various Districts in Uttar Pradesh Under Jal Jeevan Mission.
 - Detailed topographical survey of 800Km length
 - Etah District – 250 Villages
 - Ghaziabad District – 180 Villages
 - Bijnor District – 100 Villages
 - Bagh Pat District – 50 Villages
 - Azamgarh District – 56 Villages
 - Hapur District – 35 Villages
 - Installation of Solar Power Infrastructure in Etah District.

- ∞ Detailed Design of Water Supply Network of Deesa Regional Water Supply Scheme, Gujarat.
 - Detailed topographical survey of 1000 Km length
 - Conventional WTP – 50 MLD & 29 MLD
 - Pipeline Network – 950 Km

- ∞ Detailed Design of Clear Water Rising Main Line, Balasinor, Gujarat.

- ∞ Detailed Design of Bulk Water Supply Scheme For Shamma, Shiyal & Moralnaka, Gujarat.
 - Detailed topographical survey of 660 Km length
 - Pipeline Network – 650 Km

- ∞ Pipe Network System of Sewerage Network for Chennai Metro Water Supply & Sewage Board (CMWSSB)/ TamilNadu Urban Infrastructure Services Limited (TNUIFSL).
 - Detailed topographical survey of 400Km length)
 - Pipeline Network – 375 Km
 - Pumping Stations – 33 Nos.

- ∞ Detailed Surge Analysis of Sewage Line, Daman, U.T.

- ∞ Detailed Surge Analysis of Sewage Line, Kota, Rajasthan.

COMPLETED PROJECTS

WATER & WASTE WATER ENGINEERING

- ∞ Detailed Design of Water Supply Network System For Gandhinagar Town, Gujarat.
 - Detailed topographical survey of 360 Km length
 - Conventional WTP – 45 MLD & 35 MLD
 - Pipeline Network – 350 Km

- ∞ Detailed Design of Water Supply Scheme For Khergam Regional Water Supply Scheme, Chikhli, Gujarat.
 - Detailed topographical survey of 280 Km length)
 - Pipeline Network – 270 Km

- ∞ Detailed Design of Water Supply Network of Talod Regional Water Supply Scheme, Gujarat.
 - Detailed topographical survey of 250 Km length
 - Pipeline Network – 225 Km

- ∞ Detailed Project Report for Wadhvan Town, Wadhvan, Gujarat.
 - Detailed topographical survey of 200 Km length)
 - Pipeline Network – 192 Km

- ∞ Detailed Design of Water Supply Network of Tilakwada RWSS, Gujarat.
 - Detailed topographical survey of 130 Km length)
 - Pipeline Network – 125 Km

- ∞ Detailed Design of Underground Sewerage Network System For Junagadh Town, Gujarat.
 - Detailed topographical survey of 120Km length
 - Pipeline Network – 115 Km

- ∞ Detailed Design of Sewerage Network for Kevadiya Colony, Statue of Unity, Bharuch, Gujarat.
 - Detailed topographical survey of 120 Km length
 - Pipeline Network – 112 Km

- ∞ Detailed Design of Under Ground Drainage System, Bhachau, Gujarat.
 - Detailed topographical survey of 60 Km length
 - Pipeline Network – 56 Km

COMPLETED PROJECTS

WATER & WASTE WATER ENGINEERING

- ∞ Pipe Network System of Underground sewerage network at Dholakuva Village, R&B Gandhinagar, Gujarat.
 - Pipeline Network – 15 Km
 - 1 Nos Detailed Design of Sewer Pumping Station
 - 1 Nos Augmentation of Existing Sewer Pumping Station

- ∞ Detailed Design of Sewage Treatment Plant, KWASA, Bangladesh.
 - Capacity – 52 MLD & 24 MLD

- ∞ Detailed Design of Water Treatment Plant, Valvada, Gujarat.
 - Capacity – 49.5 MLD

- ∞ Detailed Design of Water Treatment Plant, Vapi, Gujarat.
 - Capacity – 49 MLD

- ∞ Detailed Design of Water Treatment Plant, Kalwada, Gujarat.
 - Capacity – 20.6 MLD

- ∞ Detailed Design of Water Treatment Plant, Pardi, Gujarat.
 - Capacity – 17.3 MLD

- ∞ Detailed Design of Sewage Treatment Plant, Diu, Gujarat.
 - Capacity – 7 MLD

- ∞ Detailed Design of Sewage Treatment Plant, Vankaner, Gujarat.
 - Capacity – 5.5 MLD

- ∞ Detailed Design of Sewage Treatment Plant, Dharampur, Gujarat.
 - Capacity – 4.1 MLD

COMPLETED PROJECTS

CIVIL & STRUCTURAL ENGINEERING

- ∞ Detailed Structural Design of components : Pump house, Overhead Water Tank, Security Cabin, Staff Quarters etc For Various Districts in Uttar Pradesh Under Jal Jeevan Mission.
- ∞ Detailed Structural Design of OHT, SUMP, Pumphouse, Security cabin, Staff Quarters & WTP (50 MLD & 29 MLD) of Deesa Regional Water Supply Scheme, Gujarat.
- ∞ Detailed Structural Design of Pumping Stations for Chennai Metro Water Supply & Sewage Board (CMWSSB)/ TamilNadu Urban Infrastructure Services Limited (TNUIFSL).
- ∞ Detailed Structural Design of WTP (45 MLD & 35 MLD) For Gandhinagar Town, Gujarat.
- ∞ Structural Design Development of Precast RCC Elevated Service Reservoirs (OHT) under Jal Jeevan Mission – SWSM Uttar Pradesh & UP Jal Nigam.
- ∞ Detailed Structural Design of STP (52 MLD & 24 MLD) of KWASA, Bangladesh.
- ∞ Detailed Structural Design of WTP (49.5 MLD) of Valvada, Gujarat.
- ∞ Detailed Structural Design of WTP (49 MLD), Vapi, Gujarat.
- ∞ Detailed Structural Design of WTP (20.6 MLD), Kalwada, Gujarat.
- ∞ Detailed Structural Design of WTP (17.3 MLD), Pardi, Gujarat.
- ∞ Detailed Engineering Design of Zinc Alume Tanks (Container Part).
 - 50 KL to 500KL under JJM Uttar Pradesh & UP Jal Nigam for Winfra Tanks, Gaws Tanks, Manifold Tanks (Manufacturer)
- ∞ Structural Design of Elevated Service Reservoirs (OHT) under Jal Jeevan Mission – SWSM Uttar Pradesh for 1000 ESRs under 15 Districts of Uttar Pradesh.
- ∞ Structural Design of 6 MLD ETP with UF & RO Filtration at Essar-Hazira Complex, Surat.
- ∞ Structural Design of Hydrogenation Skid, SDPU Plant, ATFE Plant at Juniper GTL LLC, USA.
- ∞ Structural Design of Apple Valley Honda Plant at Washington, USA.

COMPLETED PROJECTS

RENEWABLE ENERGY

- ∞ 50 kW solar panel system is installed at Tulsi Co-op Commercial Services Society Ltd, Ahmedabad, Gujarat.
- ∞ 30 kW solar panel system is installed at Mr. R J Trivedi Suvarna Mandir Trust, Ahmedabad, Gujarat.
- ∞ 100 kW solar panel system is installed at Shri Aditya ,Vidhayalaya, Modhera, Gujarat.
- ∞ 30 kW solar panel system is installed at GSRTC, Modhera, Gujarat.
- ∞ 33 kW solar panel system is installed at Archology Survey Of India, Modhera, Gujarat.
- ∞ 25 kW solar panel system is installed at Tourizum Corporation, Modhera, Gujarat.
- ∞ 15 kW solar panel system is installed at Prathmikshala, Modhera, Gujarat.
- ∞ 12 kW solar panel system is installed at M/S Shree Baba Ramdev Devsthan Trust, Ahmedabad, Gujarat.
- ∞ 15 kW solar panel system is installed at Krishna farm, Gandhinagar, Gujarat.
- ∞ 10 kW solar panel system is installed at M/S But Bhavani Mandir Trust, Ahmedabad, Gujarat.
- ∞ 100 kW solar panel system is installed at Plasma Research, Gandhinagar, Gujarat.
- ∞ 50 kW solar panel system is installed at AMC Prahalad Nagar, Ahmedabad, Gujarat.
- ∞ 50 kW solar panel system is installed at AMC Prahalad Nagar, Ahmedabad, Gujarat.
- ∞ 40 kW solar panel system is installed at AMC Civic Centre Chandkheda, Ahmedabad, Gujarat.

COMPLETED PROJECTS

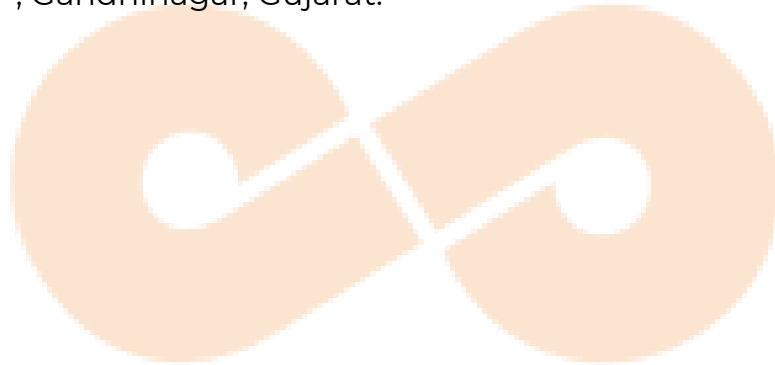
RENEWABLE ENERGY

- ∞ 25 kW solar panel system is installed at M/S CH.Bhumka Aptt. C.H.S.L, Ahmedabad, Gujarat.
- ∞ 10 kW solar panel system is installed at RTO Office, Modasa, Gujarat.
- ∞ 10 kW solar panel system is installed at Police Station, Samlaji, Gujarat.
- ∞ 10 kW solar panel system is installed at Police Station, Sathamba, Gujarat.
- ∞ 10 kW solar panel system is installed at Police Station, Malpur, Gujarat.
- ∞ 10 kW solar panel system is installed at ITI Malpur, Malpur, Gujarat.
- ∞ 15 kW solar panel system is installed at Sabarmati Gas Limited, Mahesana, Gujarat.
- ∞ 17 kW solar panel system is installed at Sabarmati Gas Limited, Modasa, Gujarat.
- ∞ 20 kW solar panel system is installed at Sabarmati Gas Limited, Adalaj, Gujarat.

COMPLETED PROJECTS

ROAD & BUILDING WORKS

- ∞ Preparation of Detailed Estimate of Roads and Cross drainage works for the rural Road and Building Department, Jilla Panchayat, Gandhinagar.
 - Road Length - 36 Km Mansa Sub District.
 - Road Length - 7 Km Kalol Sub District.
- ∞ Preparation of Detailed Estimate of Roads and Cross drainage works for the rural Road and Building Department, Jilla Panchayat, Surendranagar.
 - Road Length - 13 Km Limbdi Sub District.
 - Road Length - 20 Km Patdi Sub District.
 - Road Length - 4 Km Lakhtar Sub District.
 - Road Length - 10 Km Dhangadhra Sub District.
- ∞ Road & Building Department, Capital Projects, Gandhinagar, Gujarat.
 - laboratory analysis of 3 Nos. of STPs i.e., Jashpur STP, Sargasan STP and Basan STP, Gandhinagar, Gujarat.



ONGOING PROJECTS

- ∞ **Detailed Project Report For Water Supply System, Sewerage Network System, Green Parks/Space Development, Water Body Rejuvenation For Various Town in Madhya Pradesh under AMRUT 2.0 Scheme.**
 - Detailed topographical survey of 300Km length
 - Total Towns – 11 NOS
 - (Banda, Damoh, Garhakota, Rehli, Shahgarh, Hindoria, Patharia, Tendukheda, Shahpur, Hatta, Patera)

- ∞ **Pipe Network System of Water Supply Network for Feeder Line and Distribution Line of Borio and Taljhari Block, Sahiganj, Jharkhand.**
 - Pipeline Network – 300 Km
 - Detailed Structural Design of Intake Well, WTP, ESR & UGSR.

- ∞ **Detailed Project Report of Underground Sewerage Network System for Anand Town in Gujarat under AMRUT 2.0 Scheme.**
 - Detailed topographical survey of 130Km length)
 - Pipeline Network – 122 Km
 - Detailed Structural Design of components : Pump house, Security Cabin, Staff Quarters etc.

- ∞ **Detailed Project Report of Underground Sewerage Network System for Various Town in Gujarat under SWARNIM JAYANTI MUKHYA MANTRI SHAHERI VIKAS YOJANA Scheme.**
 - Detailed topographical survey of 150Km length
 - Pipeline Network – 120 Km
 - (Dhoraji, Jamjodhpur, Wankaner, Savli, Umargam, Okha)
 - Detailed Structural Design of components : Pump house, Security Cabin, Staff Quarters etc.

- ∞ **Detailed Project Report of Underground Sewerage Network System for Godhra Town in Gujarat under AMRUT 2.0 Scheme Swap 3.**
 - Detailed topographical survey of 25Km length)
 - Pipeline Network – 20 Km
 - Detailed Structural Design of components : Pump house, Security Cabin, Staff Quarters etc.

- ∞ **Detailed Project Report of Water Supply System for Godhra Town in Gujarat under AMRUT 2.0 Scheme Swap 3.**
 - Detailed topographical survey of 65Km length)
 - Pipeline Network – 60 Km
 - Detailed Structural Design of components : Pump house, Security Cabin, Staff Quarters etc.

ONGOING PROJECTS

- ∞ Detailed Project Report of Water Supply System for Vallabhipur Town in Gujarat under AMRUT 2.0 Scheme Swap 3.
 - Detailed topographical survey of 25Km length)
 - Pipeline Network – 20 Km
 - Detailed Structural Design of components : Pump house, Security Cabin, Staff Quarters etc.

- ∞ Engineering Design Consultancy Services for work of Rural Water Supply Scheme for 120 Villages Under Moojhri Dam MVS at Sheopur (M.P.)
 - Detailed topographical survey of 720 Km length
 - Intake Well - 22.46 MLD
 - Conventional WTP – 17.16 MLD
 - Pipeline Network – 720 Km
 - Detailed Structural Design of Intake Well (22.46 MLD).
 - Detailed Structural Design of WTP (17.16 MLD).
 - Detailed Structural Design of MBR/OHSR (77 Nos).

- ∞ Engineering Design Consultancy Services for work of Rural Water Supply Scheme for 159 Villages Under Pawai-ii MVS at Katni, Madhya Pradesh.
 - Detailed topographical survey of 748 Km length
 - Intake Well - 37.85 MLD
 - Conventional WTP – 28 MLD
 - Pipeline Network – 748 Km
 - Detailed Structural Design of Intake Well (37.85 MLD).
 - Detailed Structural Design of WTP (28 MLD).
 - Detailed Structural Design of MBR/OHSR (56 Nos).

- ∞ 1.89 MW Solar Panel System of Natura Energy in different pharmaceutical companies in Ahmedabad, Gujarat.

ONGOING PROJECTS

O&M OF DCS PLANT
AT GIFT CITY WITH
VOLTAS LTD.



DISTRICT COOLING SYSTEM

**REDUCTION IN
ENERGY
CONSUMPTION**

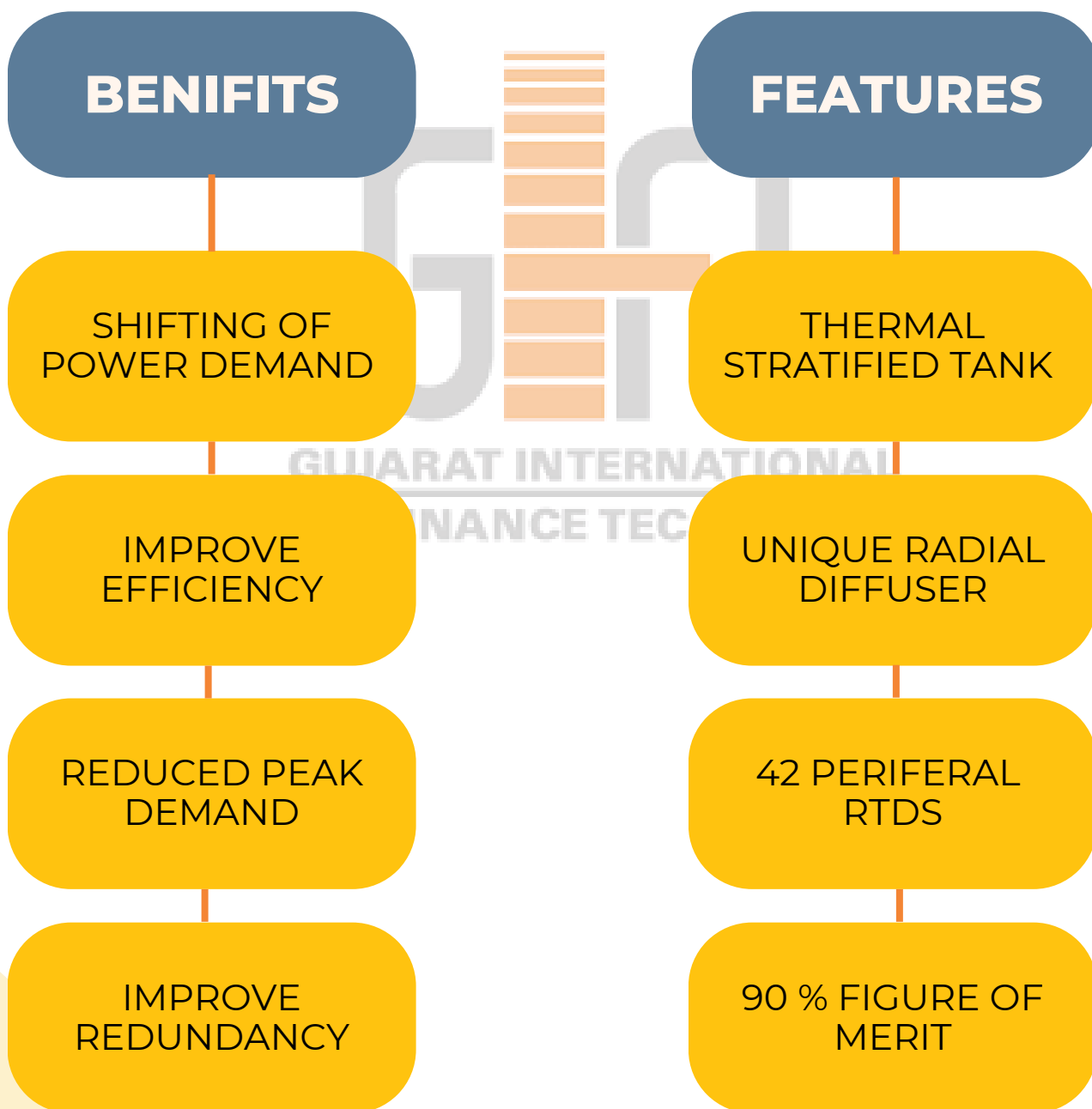
**REDUCTION IN
CARBON EMISSION**

**REDUCTION IN
WATER
CONSUMPTION**

**REDUCTION IN
CHEMICAL USAGE**

- ∞ Electro-Mechanical Supply along with Manpower for Voltas Ltd at GIFT City, Gandhinagar, Gujarat.
- ∞ Operation & Maintenance of District Cooling System with Voltas Ltd at GIFT City, Gandhinagar, Gujarat.

THERMAL ENERGY STORAGE TANK CAPACITY : 10000 TR- HR

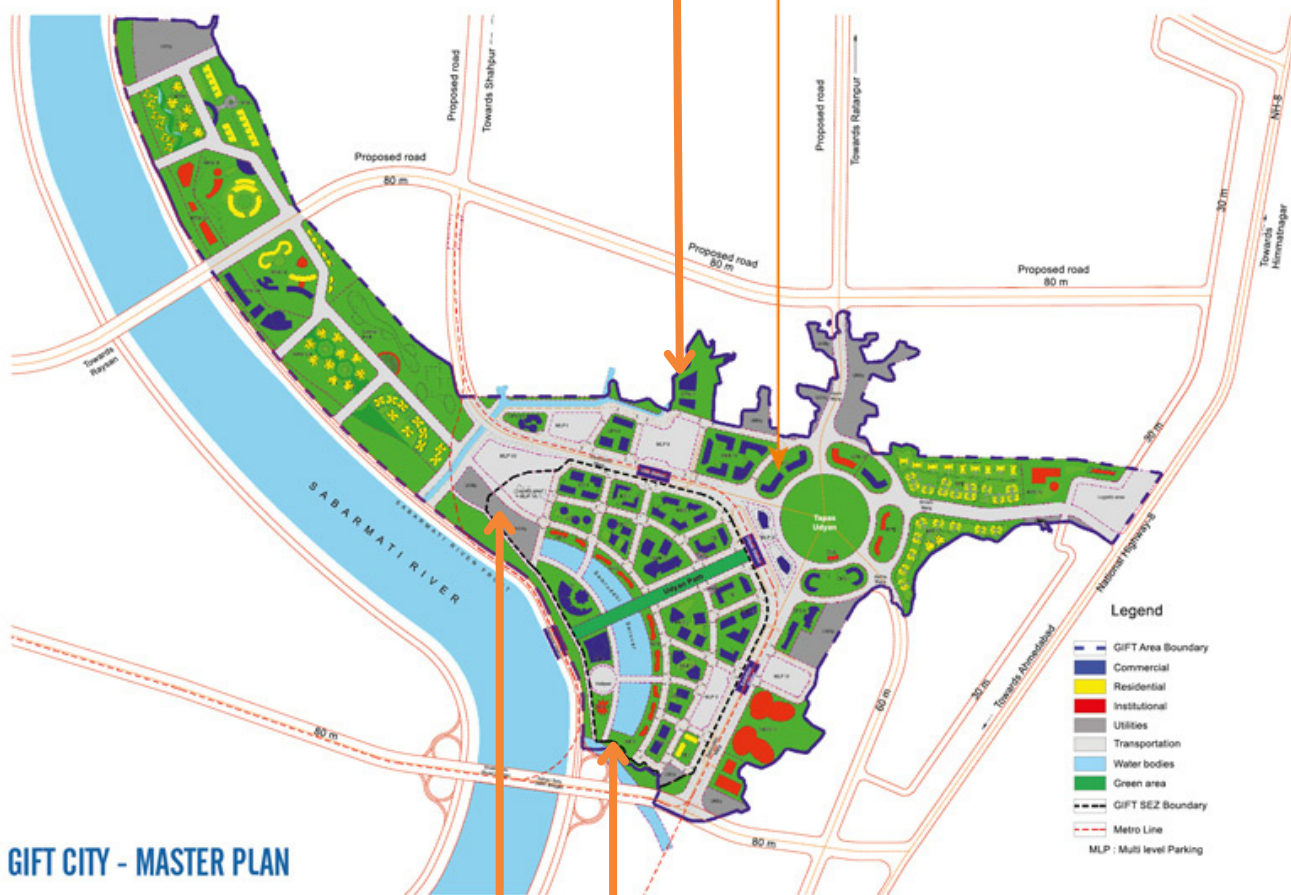


ONGOING PROJECTS

O&M OF DCS PLANT
AT GIFT CITY WITH
VOLTAS LTD.

DCP 1 : 60000 TR

WORLD TRADE CENTER™
GIFT City, Gujarat



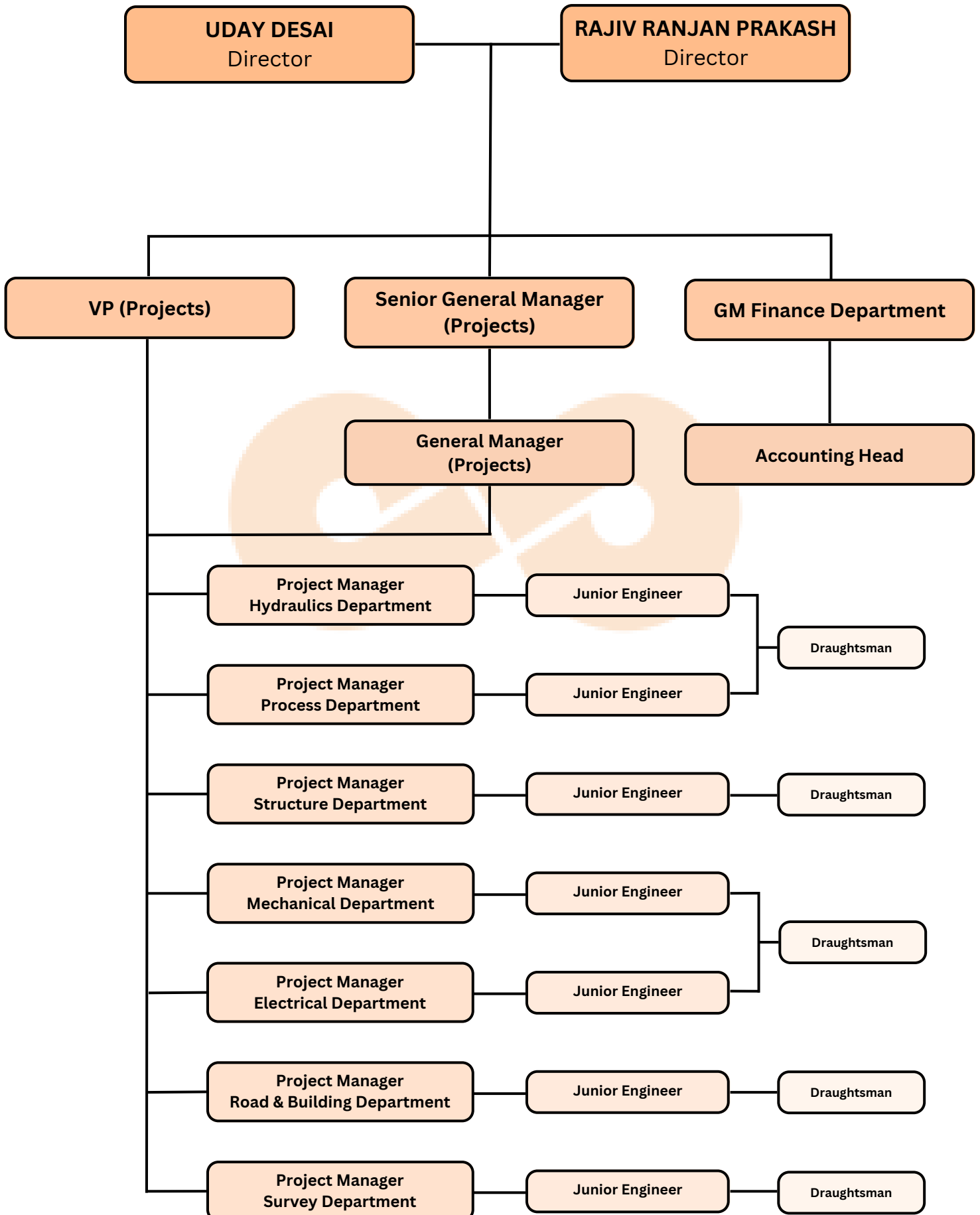
DCP 2 : 60000 TR

DCP 3 : 60000 TR



- Total 18,000 TR load from 3 strategically located district cooling plants.
- Chilled water Pipe network connected to all three plants.
- Modular expansion of chillers as per city cooling load demand.

OUR TEAM



OUR CLIENTS

- Road & Building Department, Capital Projects, Gandhinagar, Gujarat.
- Road & Building Department, Jilla Panchayat, Gandhinagar, Gujarat.
- Road & Building Department, Jilla Panchayat, Surendranagar, Gujarat.
- Godhra Nagarpalika, Panchmahals, Gujarat.
- Vallabhipur Nagarpalika, Bhavnagar, Gujarat.
- Zetwerk Manufacturing Businesses Pvt Ltd. , Bengaluru.
- Power MechProjects Ltd., Hyderabad, Telangana.
- Green Design & Engineering Services Pvt. Ltd., Surat, Gujarat.
- DNC Infratech Pvt. Ltd., Palanpur, Gujarat.
- LC Infra Projects Pvt. Ltd., Ahmedabad, Gujarat.
- Laxmi Infra Vision Pvt. Ltd., Botad, Gujarat.
- Eiffil Construction, Ahmedabad, Gujarat.
- Keystone Infrastructure Pvt. Ltd., Ahmedabad, Gujarat.
- Vishwa Infrastructure, Ahmedabd, Gujarat.
- Pravada Engineers Pvt. Ltd., Surat, Gujarat.
- Essem Enviro, Mumbai, Maharashtra.
- Neety Euro Asia Solar Energy, Gandhinagar, Gujarat.
- Arraycom India Limited, Gandhinagar, Gujarat.
- Helios Natural Renewtech Pvt. Ltd, Gandhinagar, Gujarat.
- Sanelite Solar Pvt. Ltd, Ahmedabad, Gujarat.
- Australian Premium Solar (India) Pvt. Ltd, Ahmedabad, Gujarat.
- Pdf Engineers Pvt. Ltd, Ahmedabad, Gujarat.
- Sundrop Solar System, Bengaluru.
- Star Energy Systems, Ahmedabad, Gujarat.
- Pixon Energy Ltd, Rajkot, Gujarat.
- Scorp Energy Pvt. Ltd, Ahmedabad, Gujarat.
- Natura Energy, Rajkot, Gujarat.
- Voltas Limited, Ahmedabad, Gujarat.

ProDes Consulting Engineers Pvt Ltd



ProDes is a trailblazing design agency that
combines creativity & technical expertise

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