



ProDes Consulting Engineers Pvt Ltd
ASPIRING INFINITE INNOVATIONS



Water & Wastewater
Engineering



Project Management
Consultancy (PMC)



Survey Work



Civil & Structural
Engineering



Renewable Energy
Services

CONSULTING **EXPERT**

We can handle everything you need
on the construction project



Irrigation Engineering



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 14 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

Powering A
Sustainable Future

Mr. RAJIV RANJAN PRAKASH

(B. Tech. Chemical Engineer)

Having 14 years of experience in MNC Consult designing treatment plants. WTP/STP using SBR, MBR, MBBR etc., Technology, Renewable Energy.



Ms . T Devyani

(B. Tech. Electronics and Instrumentation)

Having 14 years of experience in TCS As Senior SAP Consultant Its CMMI Level 5, Tata Consultancy Services Ltd.



FINANCIAL GROWTH

TURNOVER (₹ IN CR)



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

1

Survey Work

Accurate land and topographic surveys using advance tools for precise project planning and execution.

2

Consultancy in Water and Wastewater Engineering

Specialized professional services provided by experts to plan, design, optimize, and manage systems related to water supply, Water Treatment Plants (WTP), distribution networks, wastewater collection, and Sewage Treatment Plants (STP).

3

Consultancy in Storm Water Engineering

Expert services focused on the planning, design, and management of storm water drainage systems, including surface runoff management, flood control solutions, sustainable urban drainage systems (SUDS), and integration of storm water infrastructure into urban planning to mitigate flooding and ensure environmental compliance.

4

Consultancy in Irrigation Engineering

Professional services for the planning, design, and implementation of efficient irrigation systems, including minor irrigation systems (MIS), Lift Irrigation Systems, canal networks, drip and sprinkler systems, water resource management, and optimization of agricultural water use to enhance crop productivity and sustainability.

5

Consultancy in Civil and Structural Engineering

Comprehensive services covering the planning, analysis, and design of civil infrastructure and structural systems, including buildings, bridges, foundations, retaining structures, and industrial facilities, ensuring safety, stability, and compliance with applicable codes and standards.

6**Solar EPC Works**

End-to-end solar energy solutions from design to commissioning under Engineering, Procurement & Construction.

7**Renewable Energy**

Customized clean energy systems including wind, solar, and hybrid solutions for a greener future.

8**CCTV EPC Works**

Comprehensive CCTV system planning, installation, and maintenance ensuring robust security infrastructure.

9**Adhesive Export & Import Work**

Sourcing and supplying industrial-grade adhesives globally, ensuring quality and timely delivery.

10**Consultancy in Road and Building Engineering (R & B)**

Expert services in the planning, design, and supervision of roadways, highways, and building infrastructure projects. This includes pavement design, geometric planning, traffic engineering, structural design of buildings, and ensuring compliance with relevant standards for durability, safety, and functionality.

11**O&M Services**

Operation & Maintenance services to ensure peak performance and longevity of installed systems and facilities.

12**PMC Services**

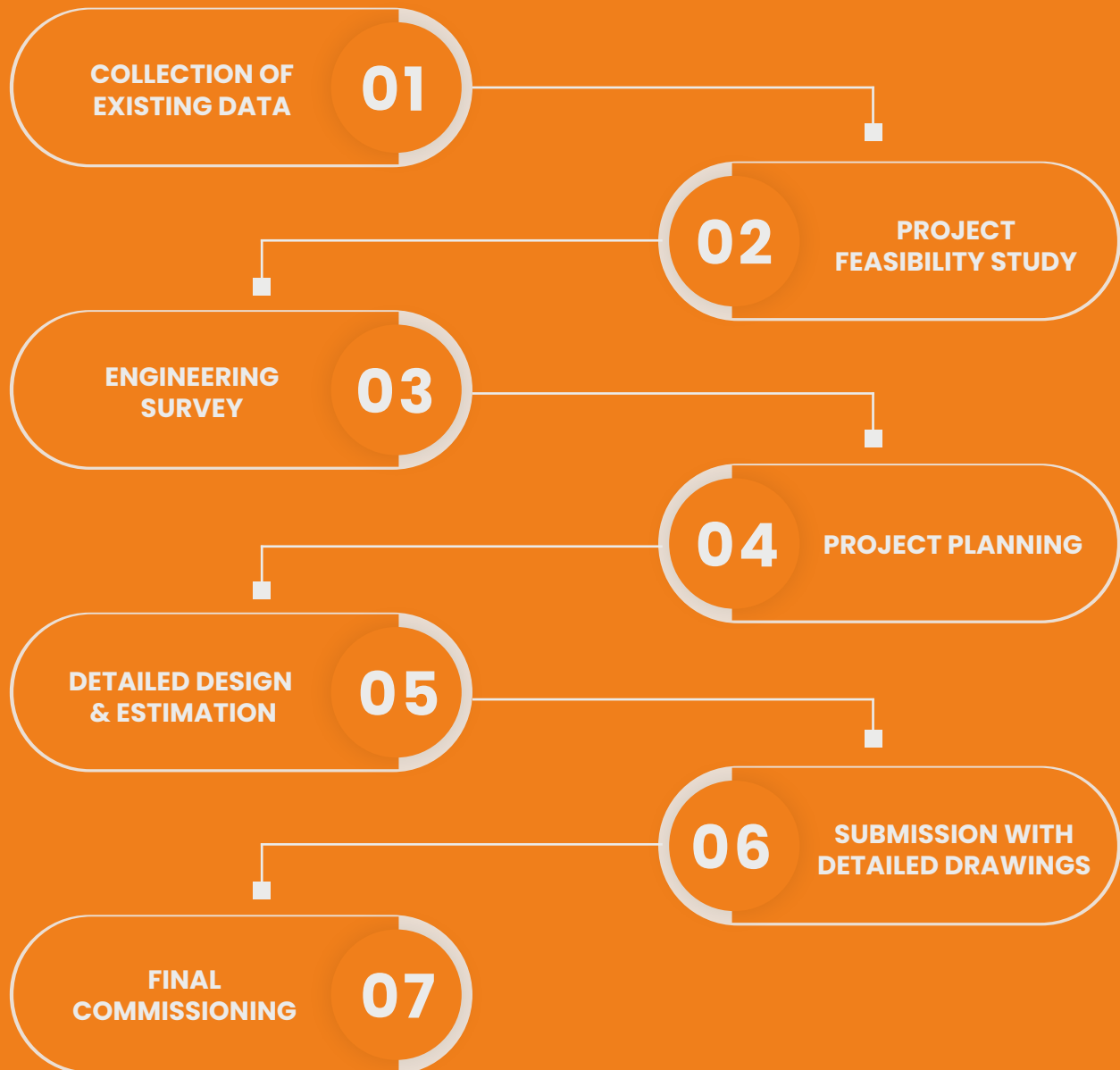
Project Management Consultancy for efficient planning, coordination, and execution of infrastructure projects.

13**Zero Liquid Discharge Technology Providers**

Advanced wastewater treatment systems that eliminate liquid discharge, promoting environmental sustainability.

PROJECT ROAD MAP

WATER & WASTE WATER ENGINEERING





COMPLETED PROJECTS

WATER & WASTE WATER ENGINEERING



Detailed Design of Water Supply Network of Deesa Regional Water Supply Scheme, Gujarat.

- Detailed topographical survey of 7000 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



Detailed Surge Analysis of Sewage Line, Daman, U.T. & Detailed Surge Analysis of Sewage Line, Kota, Rajasthan.



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 Design of Water Supply Network of Tilakwada RWSS, Gujarat.

- Detailed topographical survey of 130 Km length
- Pipeline Network - 125 Km



COMPLETED PROJECTS

WATER & WASTE WATER ENGINEERING



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 – 93 Km
- Detailed Structural Design of components : Sewer Pumping Station, 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 120Km length
- Pipeline Network – 108 Km
- Detailed Structural Design of components : Pump house, Over Headed Service Reservoir, Sump, Security Cabin, Staff Quarters etc.



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, Over Headed Service Reservoir, Sump, Security Cabin, Staff Quarters etc.



Detailed Project Report for Wadhvan Town, Wadhvan, Gujarat.

- Detailed topographical survey of 200 Km length
- Pipeline Network – 192 Km



Detailed Design of Underground Sewerage Network System For Junagadh Town, Gujarat.

- Detailed topographical survey of 120Km length
- Pipeline Network 115 Km



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.



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

COMPLETED PROJECTS

WATER & WASTE WATER ENGINEERING



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



Engineering Design Consultancy Services for work of Multi-Village Bulk Water Supply Scheme for 36 Villages, Ghatula, District-Dhamtari, Chhattisgarh.

- Detailed topographical survey of 110 Km length
- Intake Well/ Sump Well-160 KL
- Conventional WTP - 3.5 MLD
- Pipeline Network - 100 Km
- Detailed Structural Design of Intake Well (160 KL).
- Detailed Structural Design of WTP (3.5 MLD).
- Detailed Structural Design of MBR/OHSR (1 Nos-320 KL).











Engineering Design Consultancy Services for work of Multi-Village Bulk Water Supply Scheme for 57 Villages, Hirapur, District- Balod, Chhattisgarh.

- Detailed topographical survey of 123 Km length
- Intake Well/ Sump Well-260 KL
- Conventional WTP - 8 MLD
- Pipeline Network - 115 Km
- Detailed Structural Design of Intake Well (260 KL).
- Detailed Structural Design of WTP (8 MLD).
- Detailed Structural Design of MBR/OHSR (1 Nos-770 KL).



COMPLETED PROJECTS


CIVIL & STRUCTURAL ENGINEERING

-  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 (TNUISL).
-  Detailed Structural Design of WTP (45 MLD & 35 MLD) For Gandhinagar Town, Gujarat.
-  Detailed Structural Design of STP (52 MLD & 24 MLD) of KWSA, Bangladesh.
-  Detailed Structural Design of WTP (49.5 M LD) 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 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 SOLAR

-  1.075 MW solar panel system is installed at Modhera India's First Solar powered town, Modhera, Mahesana, Gujarat.
-  562 kW solar panel system is installed at Comed Chemicals Limited-Rania Plant, Rania, Savli, Vadodara, Gujarat.
-  362 kW solar panel system is installed at Finecure Pharmaceuticals LTD, Sanand, Ahmedabad, Gujarat.
-  125 kW solar panel system is installed at Shamlaji Vishnu mandir, Shamlaji, Aravalli, Gujarat.
-  100 kW solar panel system is installed at Plasma Research, Gandhinagar, Gujarat.
-  100 kW solar panel system is installed at Shri Aditya ,Vidhayalaya, Modhera, Gujarat.
-  96 kW solar panel system is installed at Technogرافix printpack Pvt.Ltd, Sanand, Ahmedabad, Gujarat.
-  50 kW solar panel system is installed at Tulsi Co-op Commercial Services Society Ltd, 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.
-  36 kW solar panel system is installed at Finecure Pharmaceuticals LTD, Sanand, Ahmedabad, Gujarat.
-  33 kW solar panel system is installed at Archology Survey Of India, Modhera, Gujarat.
-  30 kW solar panel system is installed at Mr. R J Trivedi Suvarna Mandir Trust, Ahmedabad, Gujarat.
-  30 kW solar panel system is installed at GSRTC, Modhera, Gujarat.

COMPLETED PROJECTS

RENEWABLE ENERGY SOLAR

-  25 kW solar panel system is installed at Tourizum Corporation, Modhera, Gujarat.
-  25 kW solar panel system is installed at M/S CH.Bhumka Aptt. C.H.S.L, Ahmedabad, Gujarat.
-  20 kW solar panel system is installed at Dr.Manish Shah, Usmanpura, Gujarat.
-  20 kW solar panel system is installed at Sabarmati Gas Limited, Adalaj, Gujarat.
-  17 kW solar panel system is installed at Sabarmati Gas Limited, Modasa, Gujarat.
-  17 kW solar panel system is installed at Dr. Hiren Pandya, Daskroi, Ahmedabad, Gujarat.
-  15 kW solar panel system is installed at Sabarmati Gas Limited, Mahesana, Gujarat.
-  15 kW solar panel system is installed at Prathmikshala, Modhera, Gujarat.
-  15 kW solar panel system is installed at Krishna farm, Gandhinagar, Gujarat.
-  12 kW solar panel system is installed at M/S Shree Baba Ramdev Devsthan Trust, Ahmedabad, Gujarat.
-  10 kW solar panel system is installed at M/S But Bhavani Mandir Trust, 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.
-  1.89 MW Solar Panel System of Nature Energy in different pharmaceutical companies in ahmedabad, Gujarat.
-  100 kW solar panel system is installed at Ramesh Bhai L. Patel, NEAR PUNYABHUMI BHIMRD, CHORASI, SURAT.
-  114 kW solar panel system is installed at SETH SAGAR MUKESH, SILVER SQUARE, ADANI KHODIYAR ROAD, AT KHODIYAR, TA DASKROI, AHMEDABAD-382421.



COMPLETED PROJECTS

ROAD & BUILDINGS



Preparation of Detailed Estimate of Roads and Cross drainage works for the rural Road and Building Department, Jilla Panchayat, Gandhinagar.

- Road Length – 37 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 – 43.57 Km Limbdi Sub District.
- Road Length – 20 Km Patdi Sub District.
- Road Length – 4 Km Lakhtar Sub District.
- Road Length – 10.30 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 for one Year (2022–23).



Consultancy Services for Designing of Augmentation of sewerage system scheme for village Dholakuva and Basan S.T.P in Gandhinagar Township.



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 for one Year (2023–24).



Preparation of Detailed Estimate of Roads and Cross drainage works for the rural Road and Building Department, Jilla Panchayat, Surendranagar.

- Road Length – 3.50 Km Limbdi Sub District..
- Road Length – 6.70 Km Chuda Sub District.
- Road Length – 30.20 Km Lakhtar Sub District.
- Road Length – 43.60 Km Dhangadhra Sub District.
- Road Length – 56.40 Km Dasada Sub District.



ONGOING PROJECTS



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).



Engineering Design Consultancy Services For Replacement of pumping machinery of pumping station based on Setruji Dam main canal under Amrut 2.0 scheme, District-Bhavnagar.



Conceptual Design Reports for Electro-Mechanical Work for EPC work of Chikhli-Amdhara Regional Water Supply Scheme.



Detailed Project Report of Patan Irrigation Department, Sotavad-Khari Vavdi Main Line.



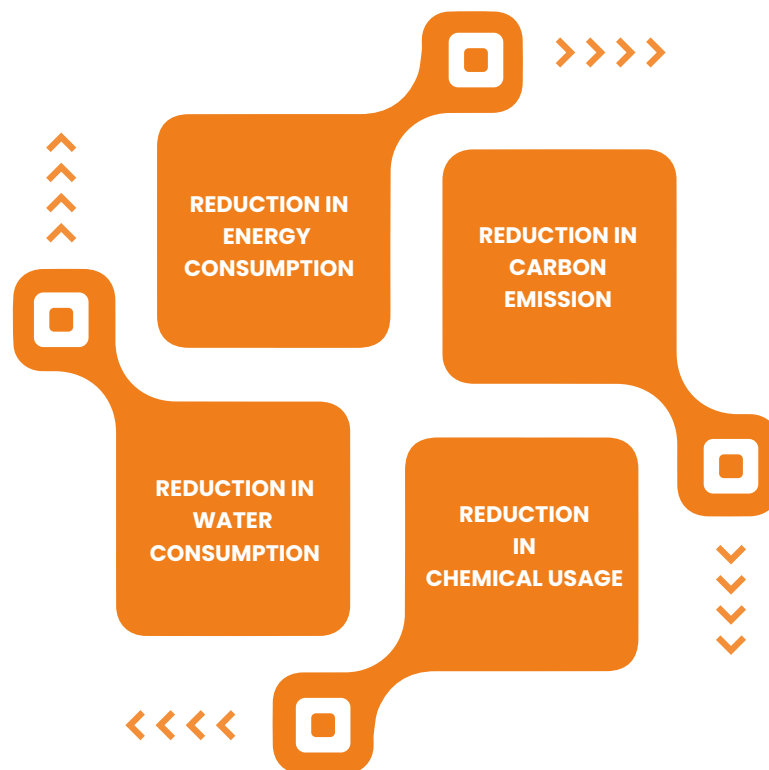
250 kW solar panel system is installed at INDIAN INSTITUTE OF PUBLIC HEALTH GANDHINAGAR



ONGOING PROJECTS

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

DISTRICT COOLING SYSTEM



Electro-Mechanical Supply along with Manpower for Valtas Ltd at GIFT City, Gandhinagar, Gujarat.



Operation & Maintenance of District Cooling System with Valtas Ltd at GIFT City, Gandhinagar, Gujarat.

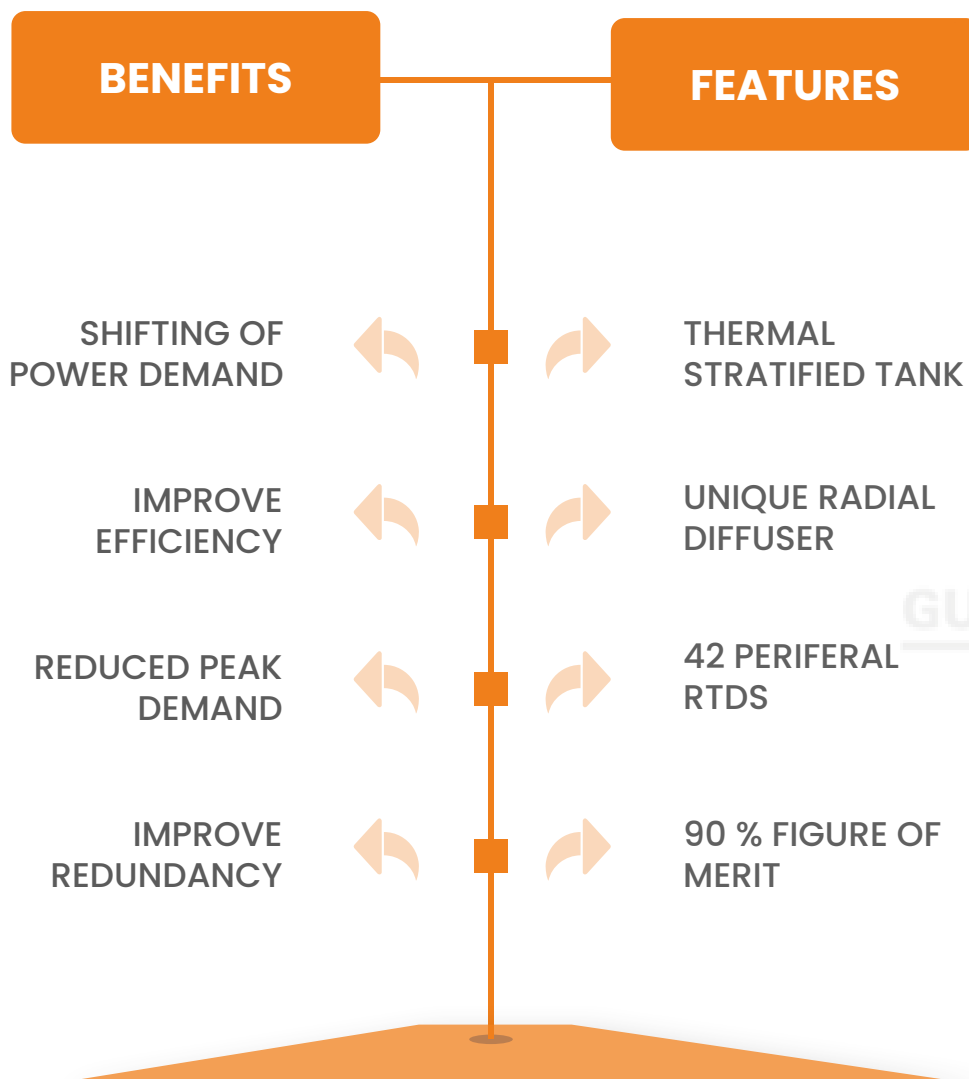


ONGOING PROJECTS

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

THERMAL ENERGY STORAGE TANK

CAPACITY : 10000 TR- HR



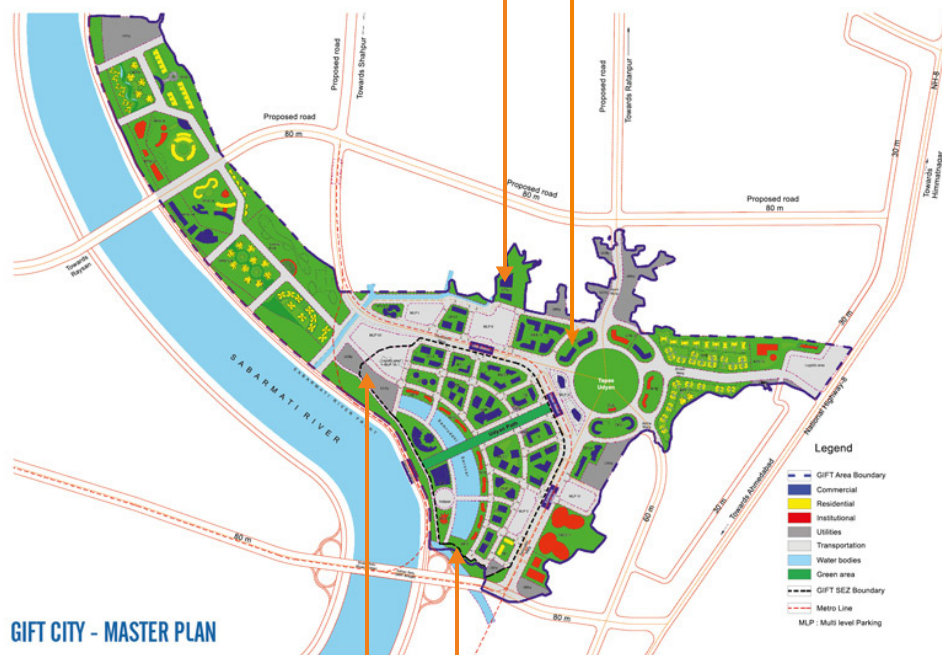


ONGOING PROJECTS

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

DCP 1 : 60000 TR

WORLD TRADE CENTER
GIFT City, Gujarat

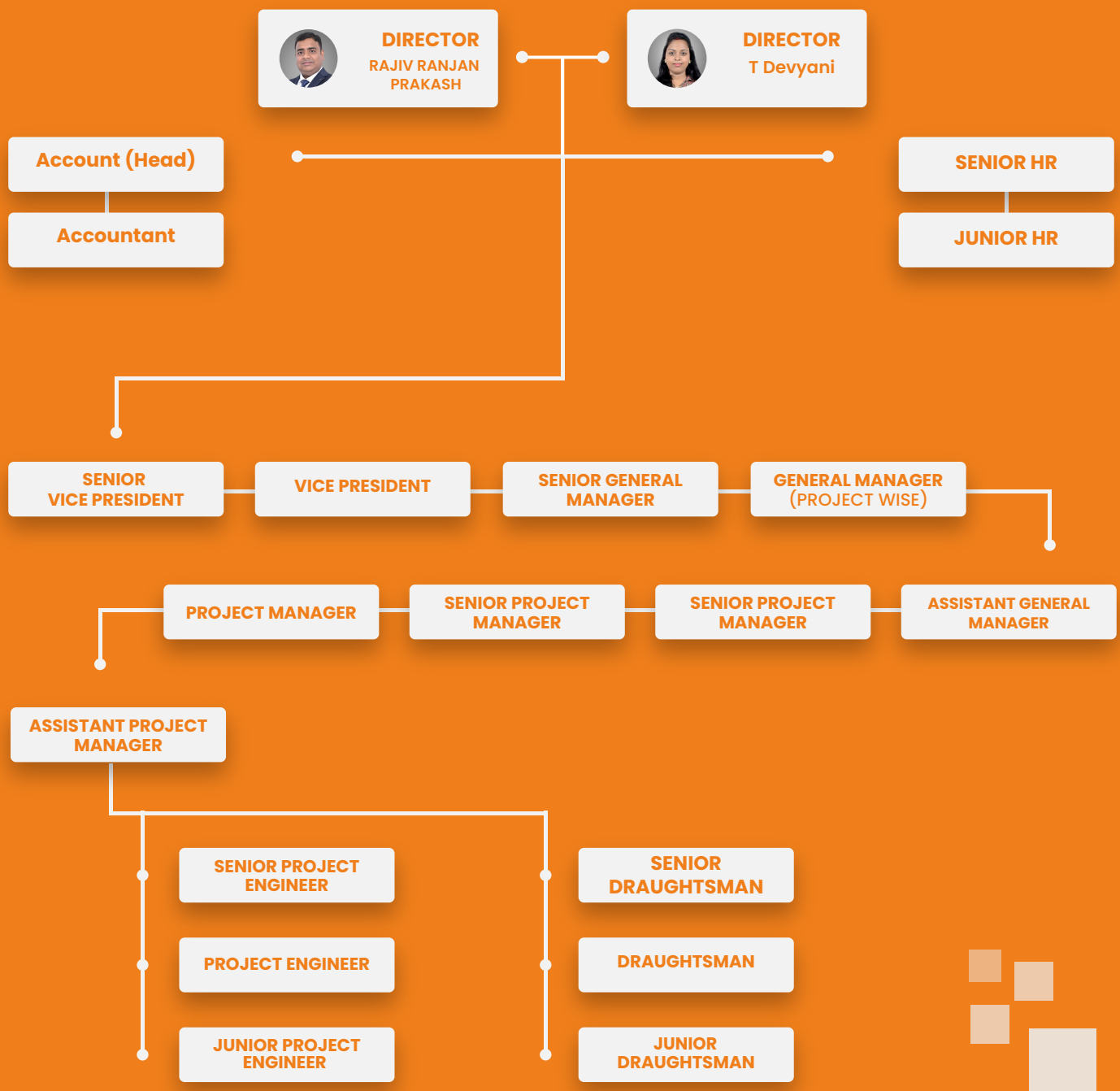


DCP 2 : 60000 TR

DCP 3 : 60000 TR

- ∞ Total 78,000 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.
- Bhavnagar Municipal Corporation, Bhavnagar, Gujarat.
- Zetwerk Manufacturing Businesses Pvt Ltd., Bengaluru.
- Jai Bajrang Construction, Bihar.
- Power Mech Projects 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 IS A TRAILBLAZING DESIGN AGENCY THAT
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