



G.N. Group & Company
Power Provider

Product | Service | Quality

ISO: 18001-2007 (OHSAS)
ISO: 14001-2004 (EMS)
ISO: 9001-2008 (QMS)

About G.N. Group & Company

We are an ISO: 14001-2004(EMS), ISO: 9001-2008(QMS) and ISO: 18001-2007(OHSAS) Certified group of companies established in 1995, under the name of G.N Electrical Works. A modest beginning more than two decades ago. G.N. Group & Company is a multifaceted entity with expertise traversing across diversified fields from Power Projects, Civil infrastructure projects to design prototypes and major Manufacturer of Reverse Osmosis (RO) System and Solar energy equipments. We provide comprehensive solutions to our clients. We have scaled newer heights of success with big ticket projects in the power and Infrastructure sector. With a pool of talented professionals, we continued to expand our horizons through planned expansion of our business by providing Real Estate development solutions and water purification systems solution under the domestic, commercial and industrial categories. Our company is a trusted name in irrigation and water supply projects.

In the Power Infrastructure sector, we have completed projects for Govt. of India under the Accelerated Power Development and Reforms Programme (APDRP), Restructured Accelerated Power Development and Reforms Programme (R-APDRP), Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY), High Voltage Distribution System (HVDS) and Bharat Sanchar Nigam Limited (BSNL). The projects included supply & erection of Substations & Transmission lines, supply of line equipment to Central Government Undertakings Company, such as NTPC, Electric Supply Company Limited (NESCL), which is a subsidiary of the Maharatna National Thermal Power Corporation Limited, National Hydroelectric Power Corporation (NHPC), Power Grid Corporation of India Limited (PGCIL) and several others.

Apart from the aforementioned projects, we have successfully executed projects in the real estate development and building construction sector as well. Within a span of five years, our team has designed and constructed a number of ITI Polytechnic Colleges, Degree Colleges, Hospitals, Canals, Roads, Dams, Bridges, and Toll Plazas across India. Currently, we are engaged in construction projects worth Rs. 875 Crores.

Group Companies

GNY Infratech India Pvt. Ltd.

G.N. Group & Company

Allianz R.O. System

Micro Energy India

Swarnam Power Infrastructure Pvt. Ltd.





Company's History

G.N. Group & Company started its business venture as G.N. Electrical Works in 1995 at Tanakpur Road, Haldwani in Nainital district. The operations began with State Government department projects such as U.P. Cooperative Sugar Industries, Military Engineering Services, Research Centres in Almora, Uttrakhand, and Uttranchal Jal vidyut Nigam Limited, Uttrakhand Jal Sansthaan's Pump house work encompassing raw water plant, treatment plant, and water distribution plant.

The big breakthrough came in the form of Maneri Bhaali Phase II, Jal Vidyut Nigam Limited Uttarkashi, Uttrakhand. This project was completed for the state Electric Power Board (EPB). This project was successfully completed and we have never looked back since. Later on, we executed EPB assignments for Himanchal Pradesh State Electricity Board, Shimla at different locations including Rong Tong, Kaza and Tabo in Spiti Valley where temperature falls to -30 degrees Celsius. Nevertheless, our astute planning and technical expertise enabled us to successfully accomplish the mission in such difficult terrains.

With a focus on expanding our business horizons and with the objective of providing innovative water purification by systems, we ventured out in the field of design and development of Allianz RO System in 2007. We design prototypes and manufacture the RO System for Domestic, Commercial and Industrial Water Purification Systems.

Owing to our consistent quality of work and continued zeal to conquer different domains, our group forayed into electrical transmission projects. We emerged as an integrated company fully equipped to execute projects related to External and Internal Electrification including 33/11 KV Sub Stations, and 132/33 KV Sub Stations, Cabling work, Transmission line projects in Uttar Pradesh, Uttrakhand, Haryana, Punjab, Himachal Pradesh, Jammu & Kashmir and Madhya Pradesh.

Later in 2011, we took the plunge into real estate, building construction and irrigation project sectors. With the unwavering support of our dedicated professionals, we undertook a number of civil construction projects. Our enterprise has built ITI Polytechnic Colleges, Degree Colleges, Hospitals, Roads, Canals, Dams, Bridges, and Toll Plazas straddling across different states of India.

Chairman's Desk

We value our association with our clients and seek to build long-lasting relationships. This is the philosophy around which G.N. Group & Company has prospered and started forward to be in the top league. This is the philosophy that has guided each of our team members since the past 22 years.

Our focused approach coupled with unmatched commitment to Quality Management System is the hallmark of all our endeavours. A number of accomplished projects bear testimony to the strong credibility we enjoy in the market today. This was made possible only because of the passionate efforts of our engineers, architects, consultants, quality controllers, technical experts, and all others who are part of the GN family.

Ever since our inception, we have registered steadfast growth in this field. The credits for the success are aptly deserved by the stakeholder from top to bottom of the hierarchy. The pool of talented professionals boasts of suitable field knowledge and expertise for streamlined completion of projects, ideal maintenance and services of installations and rapid resolution of clients' grievances. We are empowered with the perfect combination of man and machinery that enables us to deliver projects in consonance with quality and functional requirements at different stages of execution.

We constantly strive to move ahead and be a part of nation building. We not only build but create opportunities for the economic empowerment of the society. This drive for social empowerment through employment opportunities is an inherent trait of our organization. We firmly believe that investment in education, infrastructure, science and technology, renewable energy and research fields is indispensable for the economic and industrial growth of any country.

We take pride in the fact that we are apart of this development saga that our country is witnessing today. This encourages and motivates us to put in extra efforts in the economic and social development. Our focus on changing the lives of people through our efforts in infrastructure development inspires us to excel in our field.





Our Services

- Civil Infrastructure Activities
- Power Infrastructure Activities
- HVAC, BMS, Fire Fighting & Related Services
- Drinking Water Supply Projects & Sanitary Projects
- Medical Gas Pipeline System
- Project Management Consultancy
- IT Services

Our Manufacturing

- RO Water Purification
- Renewable Energy Products
- L .V. Panels (All kinds of L.V. Panels)
- Lighting Products
- U. P. S. (Uninterruptible Power Source)



Our Services

I. Civil Infrastructure Projects & Constructions

G.N. Group & Company is a reputed construction solution provider in the Construction and Civil Engineering Industry, pan India. We take pride in having successfully executed a number of projects in the infrastructure development domain. We are credited with roads and highways projects, irrigation department projects such as canals and water supply channels, bridges, flyovers, dams as well as a number of real estate sector projects.

We have undertaken projects of both public and private sectors, however, our focus remains on Government projects. Sincere efforts and committed approach in the engineering construction field have brought us commendable appreciation from the clients. A dedicated team of project managers, engineers, architects, technical experts, civil draughtsmen, and supervisors keep an incisive eye on project deliverables, which result in maximum client satisfaction.

In the Infrastructure Projects and construction sector, our areas of expertise are:

- **Building Construction**
- **Roads and Highways**
- **Canal**
- **Bridge**
- **Flyover**
- **Dam**
- **Drinking Water Projects**





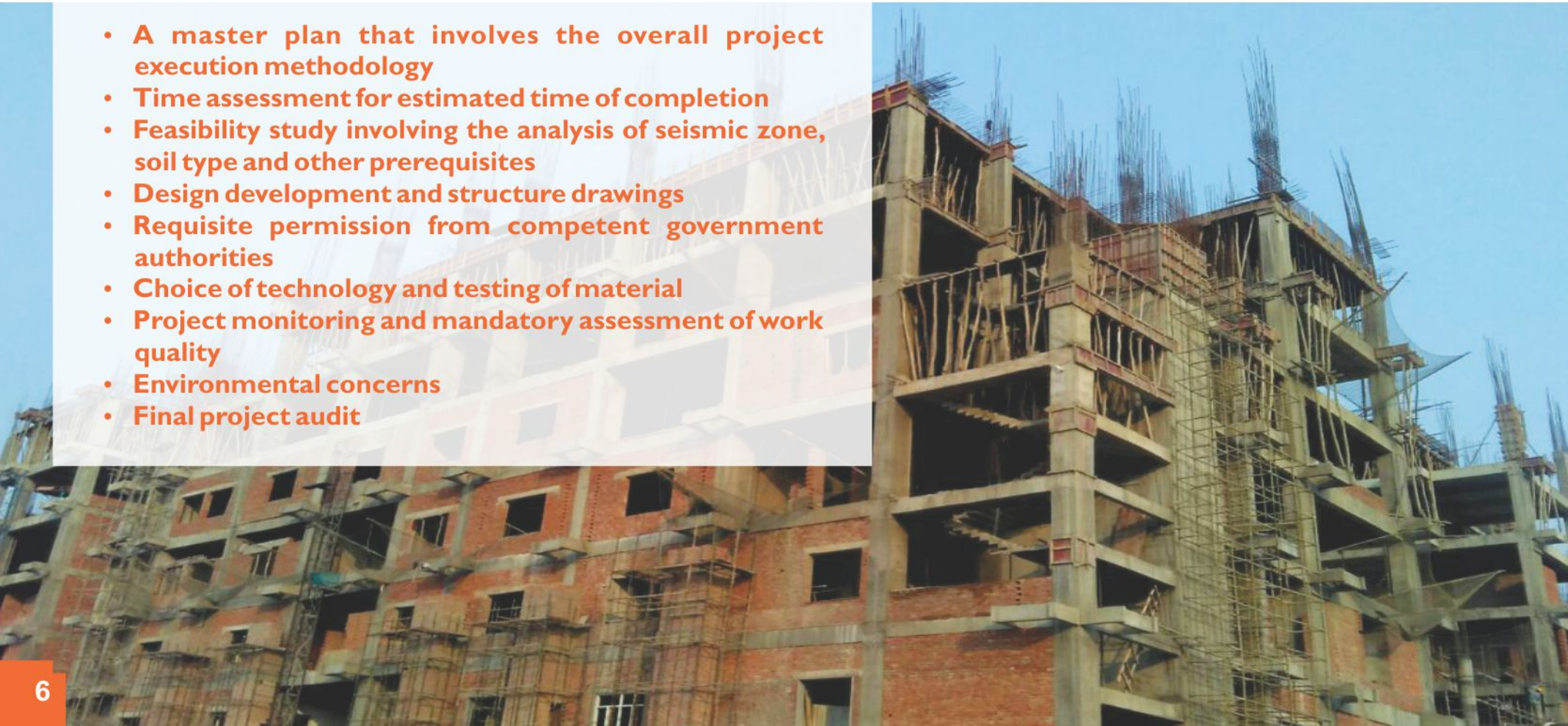
a) Building Construction

Building construction is one of our major focus areas. G.N. Group & Company has completed numerous projects in different locations across India. Our in-depth engineering knowledge, competence and immense technical expertise enables us to deliver end-to-end building construction solution.

• **Our Building Construction contract starts with comprehensive project management planning that involve the following considerations:**

- **A master plan that involves the overall project execution methodology**
- **Time assessment for estimated time of completion**
- **Feasibility study involving the analysis of seismic zone, soil type and other prerequisites**
- **Design development and structure drawings**
- **Requisite permission from competent government authorities**
- **Choice of technology and testing of material**
- **Project monitoring and mandatory assessment of work quality**
- **Environmental concerns**
- **Final project audit**

Our main expertise lie in the construction of hospitals, schools, institutes, colleges, universities, ITI polytechnics, divisional or sub-divisional blocks, etc. Keeping quality at the forefront, the professionals at G.N. Group & Company work in a deadline-driven environment to earn delight of customers.



b) Roads and Highways

G. N. Group & Company specializes in Roads and Highways projects. We have executed various National and State Highways projects ever since the inception of our company. The contracted projects have been executed with ultimate attention to quality and accountability.

A specialised team including Civil engineers, technical experts and quality auditors in addition to the project managers handle the Roads and Highways projects with complete dedication. Every project is executed with utmost care to compliance with parameters, some of which are:

- **Work quality**
- **Choice of materials**
- **Use of technology**
- **Durability of roads**
- **Road safety norms**
- **Appropriate signage**
- **Environmental concerns**
- **Plantation along the roads**

The construction work is completed in consonance with industry laid regulations and established norms. The roads undergo post-construction quality checks prior to opening it for public traffic.





c) Canal

Building canals is a complex task as it requires an expert's hand to deal with. G.N. Group & Company has acquired this expertise through various successful projects for state irrigation departments in North India. We have completed several projects for Haryana, Uttarakhand, and Uttar Pradesh irrigation departments.

For doing the canal projects, our team conducts feasibility study and make a proper assessment of the course of the canal. This may include:

- **Keeping a proper alignment of the canal so that maximum areas can be covered for irrigation purpose**
- **Ideal slope of canal from the originating place**
- **Proper depth in accordance with the water source**
- **Ensuring appropriate navigation and flow of water**
- **We are capable of constructing all types of canals that can be used for water supply for municipal use, human consumption, crop irrigation, and hydro power canals. With our immense expertise we can provide complete water supply solution for irrigation.**

d) Bridges, Flyovers & Subways

G.N. Group & Company is adept in designing and building bridges & flyovers. Our domain expertise allows us to construct bridges across rivers, streams, canals, canyons, valleys, and sea bays. We rely on the latest technology and machinery for excavation, piling, foundation, girder laying, and other compulsory works in the construction of bridges and flyovers.

The construction of Bridges, Flyovers & Subways is paid supreme attention in order to ensure:

- **Highest quality in consonance with the guidelines of competent authorities**
- **Proper alignment**
- **Ideal width to length ratio**
- **Suitable height from the ground level**
- **Appropriate slope of the approach roads**

In addition to flyovers and subways in cities, our organization has successfully executed projects for railway underpasses, overpasses, highways intersections and various others. We have kept high quality standards in all these projects that we have completed to date.





e) Dam

G.N. Group & Company is a name to trust for impressive quality dam construction projects. Till date we have constructed a number of dams for hydel power projects in Uttarakhand and Himachal Pradesh.

Constructing a dam demands immense engineering expertise since it may involve safety hazards for the people or villages nearby. Often a faultily designed and commissioned dam results in human catastrophe. Therefore, we put high emphasis on safety and develop designs of the dams in accordance with safety regulations.

Our pool of talented architects and civil draughtsmen are the force behind our competence in dam construction. Some of the fundamental areas that we pay attention to in dam construction are as given below:

- **Construction schedule safety programme**
- **Quality assurance**
- **Fire protection**
- **Environmental measures**
- **Care and division of water**
- **Dewatering foundations and borrow areas**
- **Material testing**
- **Concrete placement**
- **Construction contract plans and specifications**
- **Laboratory test data**
- **Regular site inspection**

f) Water Treatment Plant

GN Group is the most promising player in the field of Water Treatment Plant Service. We have a team of experts who are well qualified and varily experienced in designing , installation and commissioning with water treatment plants. Our experts are specially trained to implement the next generation water filtration techniques. At GN Group ,we make sure to adhere to the highest standards of quality and safety and provide the top rated services to our clients.

We strictly adhere to :-

- **Faster execution**
- **Adaptation to advanced methods**
- **Strict quality control measures**

Our Quality Assurance programme includes a number of activities in order to ensure compliance with all the construction norms as stipulated by competent authorities.

Uttarakhand Jal Sansthaan's Pump house work encompassing raw water plant, treatment plant, and water distribution plant.

2. Power Infrastructure

India has seen rapid advancement in the power and electrical distribution field. With the government's refurbished focus on lighting entire villages in the country, we are eager to play a bigger role in this endeavour.

We emerged on the horizon with immense focus on developing world class power infrastructure across India. Among the first projects we did was a project for Maneri Bhaali Phase II, Jal Vidyut Nigam Limited Uttarkhashi, Uttarakhand. This project gave us a big breakthrough and catapulted us among the top companies in the power infrastructure sphere. Our success journey continued inexorably from that time onwards and we excelled in the construction of substation and power transmission lines, Electrical distribution system, and supply of electrical equipment. We are a government registered ISO 14001:2004 & ISO 9001:2008 certified firm having vast experience of working on such projects.

Our firm has executed various projects under Accelerated Power Development and Reforms Programme (APDRP), Restructured Accelerated Power Development and Reforms Programme (R-APDRP), Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY), and High Voltage Distribution System (HVDS).

We have also done projects for Bharat Sanchar Nigam Limited (BSNL), Power Grid Corporation of India Limited (PGCIL), National Thermal Power Corporation (NTPC), and National Hydroelectric Power Corporation (NHPC) along with contracts for State Electricity Boards including Punjab State Electricity Board, Uttar Haryana Bijli Vitaran Nigam Limited, Dakshin Haryana Bijli Vitaran Nigam Ltd and Dakshinanchal Vidyut Vitaran Nigam Ltd among others.



a) Substation

G.N. Group & Company is proud to be a part of the augmentation in power generation and supply mechanism in India. In the power generation and transmission sector, an electrical substation is a distribution centre wherein voltage is transformed from high to low or vice versa. Electrical transmission traverses through various stages or flow through different substations after originating from the power generation plant and before reaching the end consumers.

We are competent in building Electrical Substations of different KV capacities including different categories of substations. Our firm is blessed with highly experienced engineers who have rich expertise in undertaking electrical construction and commissioning work. They develop the designs in accordance with the demands of electrical transmission. Utmost attention is paid to load capacity and the quality of transmission equipment. Our Substation projects are known for:

- **Seamless execution**
- **Quality and durability**
- **Compliance with all the quality norms**
- **Work excellence**
- **Optimal electrical supply efficiency**



b) HV & LV and all kind of panel.

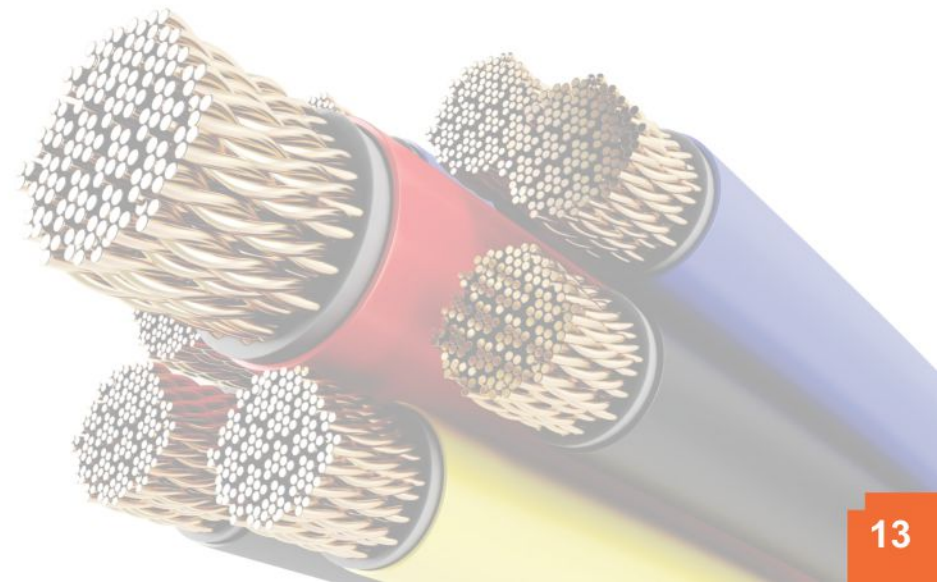
We have been providing electrical services for over 22 years and have developed a strong background in all directions of electrical Infrastructure, installations and maintenance.

Our services include, Design and construction services, HV and LV installations, Switchboard and metering alterations, Standby generators, Uninterruptible Power Supply (UPS), Light and power, Exit and emergency lighting, Lighting Control Systems, Energy Management Systems, Lightning protection and Maintenance and servicing.



c) Power Cables Projects

Electric power can be transmitted or distributed either by an overhead system or by underground cables. Cables are mainly designed as per requirement. Power cables are mainly used for power transmission and distribution purposes. It is an assembly of one or more individually insulated electrical conductors, usually held together with an overall sheath. The assembly is used for transmission and distribution of electrical power. Electrical power cables may be installed as permanent wiring within buildings, buried in the ground, run overhead or exposed. Flexible power cables are used for portable devices, mobile tools and machinery. These are designed and manufactured as per voltage, current to be carried, operating maximum temperature and purpose of applications desired by customer. For mining, we give extra mechanical strength to cable with double armouring. For wind power plants, customers generally require flexible and UV protected cables with mechanical tough sheath, so the design is as per their requirement. The underground cables have several advantages such as less liable to damage through storms, Lightning, low maintenance cost, less chances of faults, smaller voltage drop and better general appearance.





d) **Transmission Line**

G.N. Group & Company is providing outstanding services to power generation and electrical distribution clients. We primarily undertake government projects for installing high tension towers in every geographical location.

In-depth domain knowledge coupled with high professionalism has built strong market credibility for our group. Every project is undertaken with utmost focus on quality of work. A concrete project planning guides the entire project, which includes:

- **A comprehensive execution plan**
- **Quality management system**
- **Well-articulated steps for quality assurance**
- **Mandatory tests of material used**
- **Selection of appropriate technology for smoothly conducting the installation works**
- **Regular inspection by designated quality inspectors**
- **Compliance with quality norms and project specifications by contracting parties**
- **Suitable measures for safety**

Since we ventured out in this business, we have made no compromises with the quality of our work. We revel in our achievements and always affirm our commitment to quality and client satisfaction.

3. Heating, Ventilating and Air Conditioning (HVAC)

We are offering a wide range of HVAC (Heating, Ventilating and Air Conditioning) Systems. This refers to the technology of indoor or automotive environmental comfort. HVAC system is designed on the principles of fluid mechanics, thermodynamics and heat transfer.

We are one of the major HVAC **solution consulting and implementation service provider**. These solutions from our end are rendered by extremely talented professionals and at extremely affordable rates.

We undertake :-

- **Take care of the entire equipment**
- **Solutions for small, mid and large sized projects**
- **Available in multiple versions**

4. Building Maintenance Service (BMS)

We build intelligent buildings based on Building Management Systems consulting, solutioning and implementation services. Building Management Systems uses a variety of monitoring devices and control systems, both automated and manned. With BMS, we help clients to regulate a long array of building services and utilities.

GN Group being one of the most promising firms engaged in providing quality Building Management System (BMS) solutions to fulfill the demands of our customers. This system is offered in the guidance of skilled and experienced members of the industry. Apart from this, Building Management System is offered at most affordable rates.

Features:

- **Prompt delivery**
- **Delivery within time frame**
- **Effective customer support**



5. Fire Fighting & Fire Alarm

We have started operation with the aim to provide best quality products within the specified time limit. We have adequate skilled manpower to execute these projects.

• **We have separate teams for after sales service with the latest tools. This is done in consideration to provide better services to our esteemed customers in a more professional way. We have been implementing their recommendations stage wise for better process & services. These services include :**

- **Fire Pumping System**
- **Fire Hydrant System**
- **Wet Sprinkler System**
- **Water Curtain System**
- **Deluge Valve System**
- **Pre-action System**
- **Fire Alarm & Detection System**
- **Gas Detection System**
- **Gas Suppression products for reputed makes like :Tyco Ansul for Inergen (IG-541 ; IG -55 ;IG-100), Novec 1230, CO2, FM 200 etc.**

Alongwith the rich experience, our Strength lies in:

- **Delivering Projects in a Safe Environment by following Standardized Method Statement**
- **Delivering Advanced & Optimized Engineering Solutions**
- **Delivering Highest Quality of Services & Project Management**
- **Delivering Total Lifecycle Support – Customer support, training, service parts and field services to maximize availability**

Fire Alarm

We also take fire alarm system design, implementation and maintenance jobs.

Our strength lies in our understanding of people's expectations that motivates us to provide quality equipment.

We are engaged in providing best fire services to our clients. Our services include the following:

- **Fire Consultancy & Survey**
- **Fire & Safety Audits**
- **Fire Detection & Alarm System**
- **Fire Hydrant & Fire Sprinkler System**
- **Fire & Safety Equipments Supply**
- **In House Training Programmes & Videos**
- **Annual Maintenance Contracts**

6. Medical Gas Pipeline System

The MGPS for medical gases and vacuum is a critical part of the medical installation in a hospital or health care centre. This complex and extensive system is designed and executed to deliver the right gas at the right pressure and flow-rate. The Medical gases (oxygen, compressed air, nitrous oxide, and carbon dioxide), vacuums must be safely and reliably available at all times.

G.N. Group & Company offer integrated customized system solutions and services for central supply system of medical gases from planning to commissioning in accordance with the international standards of customer's choice with all relevant documents including validation as per the provision of the standard

Medical Gas Pipeline Distribution System include following segments:

1

Source Equipment - Compressed Gas Manifold, Gas Control with Fully Automatic Change-over, Cryogenic Liquid in combination with High-pressure Cylinder Manifold & High Pressure Cylinder Reserve, Standby Emergency supply, Oil-free Medical Air Compressor, Vacuum station, VPSA, Instrument Air system

2

Distribution Network – Pipe work (Single or Double-stage system), Main-line Valves, Riser Valves, Service Valves, Zone Valves, Alarm System, Area Alarm which can be integrated with Master Alarm.

3

Terminal Points (Outlets) - Gas Specific outlets i.e. Quick Connect Compatible Models- PURITAN-BENNETT, PARKODEX, OHMEDA (DIAMOND), BRITISH STANDARD, SCRADDER & DISS with various mounting options.

4

Downstream Secondary devices - Oxygen Therapy Unit, Suction Units, Bed-head Unit, Arm Based & Fixed Based Ceiling Pendants.





7. Project Management Consultancy

G.N. Group & Company focuses at becoming the Project Management Consultancy (PMC) contractor of choice by providing support to clients' business objectives and completing projects with remarkable safety and environmental consideration while ensuring utmost compliance with quality, cost, and project deliverables.

Our firm provides PMC services in the electrical generation and transmission line installation projects. Having worked on a number of projects as an integrated management team with clients, our experts apply the best PMC practices and project management proficiency in helping the clients achieve their business goals. We educate our clients with all the requisite knowledge and help them at every stage of a project.

We have experience of working on several large-scale projects that equipped us with high level of competence to manage the prerequisites of our clients. We are armed with abundance of project management expertise that enables us to meet all the demands of our clients and become their PMC contractor of choice.



9. RFP Utility

G.N. Group & Company is a renowned PMC service provider in construction and power infrastructure sector. Through our RFP Utility service we assist our clients in the bidding process for winning contracts. RFP or request for proposal is a solicitation made to a prospective supplier to submit their business proposals. The solicitation is primarily made through a bidding process by a company looking forward to procurement of a commodity, service or valuable assets.

As a leading PMC service provider, we provide RFP Utility services to clients. Through this service we assist our clients in bidding process for contracts. We mainly render our services for bidding of electrical substation, construction, real estate, roads and highways, canal and dam projects among others.

The clients will have an experience of complete satisfaction while working with us. Our team remains dedicated to the concerns of clients and make the best efforts to help achieve their business objectives.

Our team has experts with in-depth knowledge of drafting RFP that helps in winning bids in open tenders. The drafting is done to make the agency or company a favourable candidate for the bid.

We lend our expertise in Power Infrastructure and Real Estate & Construction sectors that is witnessing a phenomenal rise in development works. We assist the clients in the documentation process and present their sector-wise experiences in a way to best encapsulate their domain competence.

The art of creative presentation is the main factor behind winning contracts from agencies or companies. With enriched domain experience, we offer the best services at highly competitive consultancy fee.



IT Services

We create IT-enabled business solutions for our clients by leveraging our domain and business expertise along with a complete range of services.

❖ IT Infrastructure consulting services

- Server room sizing, Air Conditioning, Electricals and UPS recommendations.
- Selection of Active (Routers, switches, servers etc) and Passive (Cabling components) components.
- RFP Writing
- Selection of right Vendor.

❖ System Integration Services

- Infrastructure services
 - Structured Cabling Planning, Designing and Implementation (AMP, AVAYA)
- Network Implementation Services
 - Plan, Design and Implement (Cisco, Juniper etc.)
 - Cisco/Other Network OEM Core, Distribution and Access switches and routers installation and implementation services
 - Cisco/Other Network OEM Wi-Fi and Access point installation/implementation services
 - Desktop Management and Facility Management Services
 - OS Migration services
- Firewall – Consulting, Design and Implementation services (Fortigate, SonicWall, Cyberroam and CommGate).

❖ Customized Web Solutions

- Web Designing and Development
- Flash presentation and Web designing
- Virtual Store, Shopping Carts, Online tutorials CBT etc.
- Customized web based applications and integration with other Web based applications

❖ IT Infrastructure Management and Consulting services

- IT Infrastructure Management Consulting and roadmap to Management tools deployment
 - Enterprise Management Software's (HP Openview) Implementation services
 - Enterprise Management Software's (IBMTivoli) Implementation Services
- EMS Optimization Services
- EMS Post Implementation On-Site Support Service EMSTraining Service

❖ Network Operation Center (NOC) Consulting

❖ Microsoft Implementation Services:-

- Microsoft Exchange Implementation Services
- Microsoft Active Directory/Domain Implementation Services Microsoft Share point Implementation Services
- Microsoft MOM/SCOM Implementation Services Microsoft SMS/SCCM Implementation Services Microsoft Share point Implementation Services
- Microsoft Windows Server 200X family implementation/troubleshooting services Microsoft Identity Integration Management Services
- Single Sign On Implementation Services



- Microsoft Internet Security Accelerator Server (ISA) 2000, 2004, EFS, Certificate Services (PKI), VPN and IPSec Implementation Services
- Analysis of Performance Monitor Log, Memory Dump, Dr. Watson Logs and Invasive (Windows) Live Debugging
- Microsoft Virtual Server and Microsoft Virtual PC, VMware Servers and VMware Workstations RAID setup, Windows Clustering Service and Network Load Balancing
- Storage Area Networks, Network Attached Storage, i-SCSI, Disk Partitioning, Volume Conversion and RAID setup
- Remote Installation Services, Windows Deployment Services, Automated Installation Kit (Vista Deployment)
- Microsoft Assessment and Capacity Planning Toolkit (MAP) Microsoft SQL Implementation Services.
- Migration of Lotus to Microsoft Exchange Services Microsoft Optimization Services
- Microsoft Data Protection Manager Implementation Services
- Solarwinds Installation and Support Services

❖ **ITIL Consulting**

- ITIL Process consulting Services
- ITIL Process Improvement Services
- ITIL Training Services which includes ITIL Awareness and Advance courses



Our Manufacturing

I. Micro Energy India

a) Solar Panels

Micro Energy India is a Subsidiary of G.N Group & Company and is a leading solution provider in the field of Sola Energy, specializing in high efficiency PV module manufacturing and comprehensive EPC solutions. With international presence across 4 continents (Saudi Arabia, Dubai, Oman, Qatar), we are an active contributor in shaping the solar revolution.

b) LED Lights

Creating a niche of LED Lights such as LED Tube Light, LED Panel Light, LED Street Light, LED Flood Light and LED Bulb at its best, with utmost quality.

- 1) LED Tube Light
- 2) LED Panel Light
- 3) LED Street Light
- 4) LED Flood Light





2. Allianz RO Water Purification

Consumption of contaminated water is largely the reason behind why we fall ill. A major fallout of rapid industrial development is the rise in pollution levels. That in turn, renders us vulnerable to air and water borne diseases. Non-availability of pure drinking water is a cause of huge concern for governments of all countries and India is no exception to that.

Due to rampant pollution of water resources such as rivers and lakes, the sources of potable water are fast diminishing. Even the ground water is deemed unfit to consume in many regions especially close to industrial or urban centres. Due to excessive sewage and effluent disposal from industries or factories, the toxic elements such as arsenic seeps down the earth's crust and pollute the ground water, thereby, making it harmful for consumption.

The acute shortage of pure drinking water in urban centres and dearth of effective solutions prompted G.N. Group & Company to develop cost-effective Water Purification solutions. After years of intensive R&D, we have come up with highly functional and effective water purification solutions in the form of Allianz Reverse Osmosis System.

We have developed the designs of RO systems in three different categories – Domestic RO System, Commercial RO System and Industrial RO System. Apart from that we have also created a world class Water Softener. Our brand is known for efficiency, durability, utmost purification of water, complete removal of impurities and economical prices. Allianz is a relatively cheap RO system available in the market in comparison to other brands. We have developed the design to make it affordable for a wide cross-section of population.



a. Domestic RO System

Allianz Domestic RO System is gaining fast popularity among the households in large cities as well as small towns. We use the latest purification technology and high quality parts in the production of these units. Different technologies are used for the purification of water depending on the hardness and TDS (Total Dissolved Solids) level.

The unique RO technology membrane used in the system removes excessive TDS present in water. The municipal supplied water usually contains less TDS contents and therefore requires mild purification. The purification can be done only by the filters however, for the ground water with high level of magnesium, calcium, iron and other heavy metals require RO membrane technology for the purification work. Some of the striking features of our Domestic RO System are:

- **Durable and Reliable**
- **Capable of removing excessive TDS and suspended impurities**
- **Tested and certified**
- **Available at economical prices**
- **Low power consumption and high saving of water**

Our Domestic RO System consumes low power and saves relatively more water than the ordinary RO systems found in the market.

b. Commercial RO System

Allianz Commercial RO System is well-known in the market for unmatched performance. The system has been designed for commercial use. This is based on advanced technology and equipped with high quality parts. Our engineers have designed it for heavy duty applications at public places such as offices, market areas, malls, stores, and various other places.

The system is equipped with technology for multistage cleaning of water. We design the Commercial RO System in different LPH capacities including 50 lit/hr RO, 100 lit/hr RO, 250 lit/hr RO, 500 lit/hr RO, 1000 lit/hr RO, etc. Utmost emphasis is put on the use of technology as well as choice of the parts fitted in the RO system. The RO membrane technology helps remove excessive level of TDS and blocks all the impurities for safe use. The distinguished features of our Commercial RO System are summed up as below:



- **Enables complete removal of impurities**
- **Available in different LPH capacities**
- **Offered at highly affordable prices**
- **Low maintenance models**
- **Low power consumption and high water saving**

We deal in bulk quantity and welcome the inquiries for bulk orders. Our clients can be rest assured of the quality and durability of our range of Commercial RO System.

c. Industrial RO System

G.N. Group & Company designs and manufactures world class Industrial RO Systems for application in municipal corporations and water supply units in cities. Such an RO System is capable of removing nearly 100% dissolved impurities and salts, and colloidal matter from water containing high TDS levels. It has been designed for purifying brackish and sea water as well.

While developing the design of Allianz Industrial RO System, our engineers concentrated on providing cost-effective water purification solutions for industrial applications. We use high grade parts such as membrane, adopters, electrolyser, pumps, filter cartridge, anti-scalant balls, solenoid valve, ball valve, and others. Moreover, we also make sure to use the best grade cabinets and accessories to ensure high quality standards.

The Industrial RO System is provided with operating manual and training guide for understanding the system and how best it can be operated. The RO system comes with several features as given below:

- **Cost-effective solution for industrial water purification requirements**
- **Capable of removing nearly 100% impurities or TDS in water**
- **Quality assured through various tests and trial runs**
- **Results in less wastage of water**
- **Consumes less power as compared to other similar products in the market**
- **Provided with training guide and user manual**
- **High functional capability requiring less maintenance**
- **Manufactured using durable components and parts**

Our range of Industrial RO System comes with easy installation. These are capable of performing relentlessly for purification of water for municipal water supply purpose. It assures utmost purification of water and requires very low periodic maintenance.

d. Water Softener

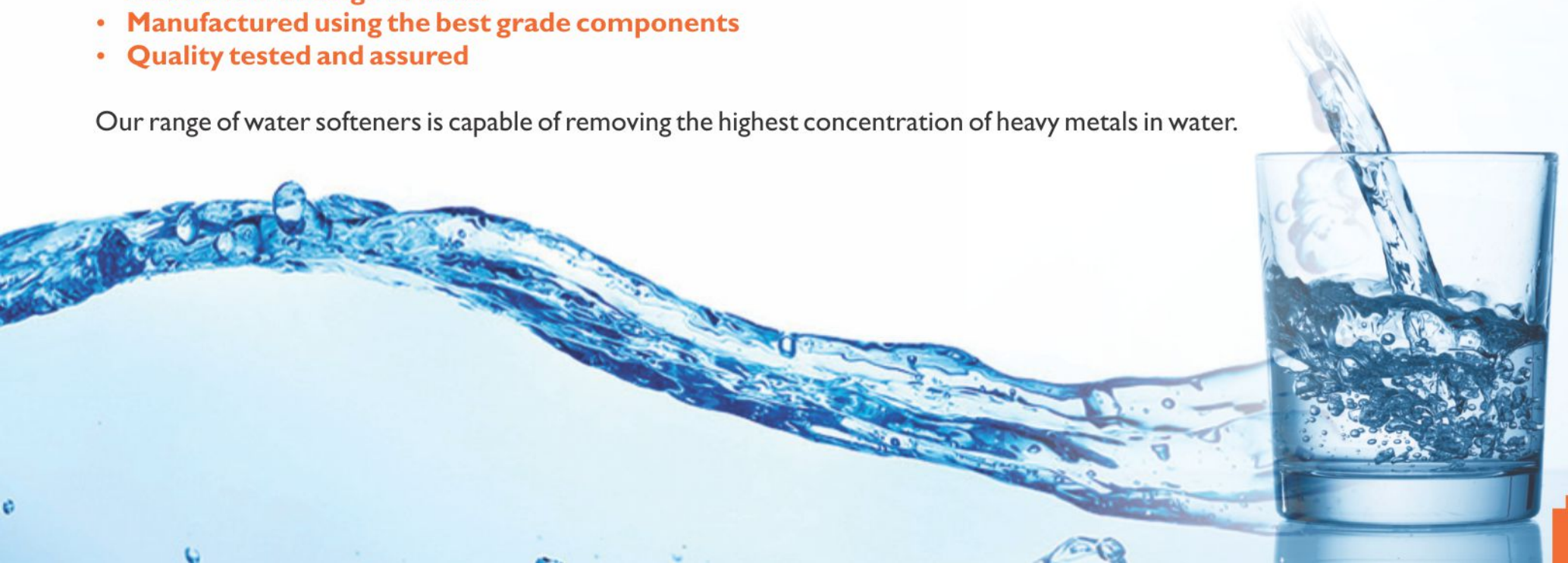
G.N. Group & Company has extensive experience in manufacturing Water Softeners for removing hardness from water. The softeners remove the presence of magnesium, calcium and other heavy metals in water to make it appropriate for drinking and cooking purposes.

Owing to utmost dedication of our engineers, we succeeded in developing world class Water Softener marketed under the Allianz brand. Our company has got overwhelming response from the domestic market that keeps us motivated to improve our products and technology always.

- Water softeners use ion-exchange or reverse osmosis process for removing water hardness. There are also designs that use precipitation method and sequestration by adding chelating agents. We use the best quality filters, RO membranes, descalers, and other necessary components in the production of Water Softeners. Some of the main traits of our range are summed up as below:

- **Uses latest technology for water softening**
- **Complete removal of heavy metals contracted in water underground**
- **Causes low wastage of water**
- **Manufactured using the best grade components**
- **Quality tested and assured**

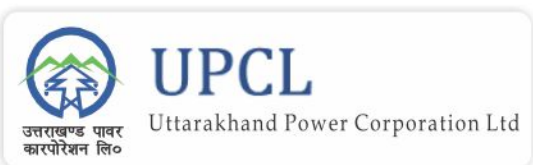
Our range of water softeners is capable of removing the highest concentration of heavy metals in water.








Some of the clients for whom we have completed projects are as given below:

- Dakshinanchal Vidyut Vitaran Nigam Ltd, etc.
- National Hydroelectric Power Corporation (NHPC)
- Dakshin Haryana Bijli Vitran Nigam Ltd
- Bharat Sanchar Nigam Limited (BSNL)
- Uttarakhand Jal Vidyut Nigam
- Uttar Pradesh Power Corporation Ltd. (Lucknow)
- Uttar Haryana Bijli Vitaran Nigam Limited (UHBVNL)
- Punjab State Electricity Board
- Himachal Pradesh State Electricity Board (Shimla)
- National Thermal Power Corporation (NTPC),
- Power Grid Corporation of India Limited (PGCIL)
- Uttarakhand Jal Sansthan
- Uttarakhand Jal Nigam
- Military Engineer Services (MES) Pithoragarh
- G. B. Pant Research Centre (Almora)
- Uttar Pradesh Rajkiya Nirman Nigam LTD. (UPRNN)
- Uttar Pradesh Irrigation Department (UPID)
- Infrastructure Leasing & Financial Services Limited (IL&FS, Mumbai)
- UP Power Transmission Corporation Limited (UPPTCL)
- Uttarakhand Power Corporation Limited (UPCL)





-  Head Office
-  Branch Offices
-  Overseas Offices



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