



ENGINEERING

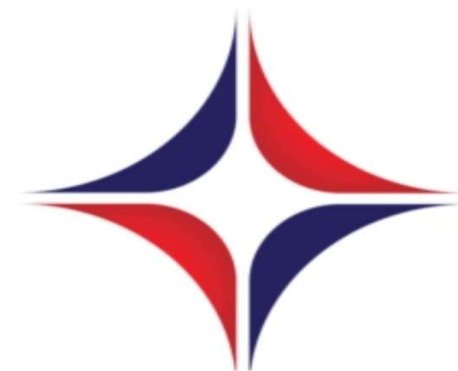


COMPANY PROFILE

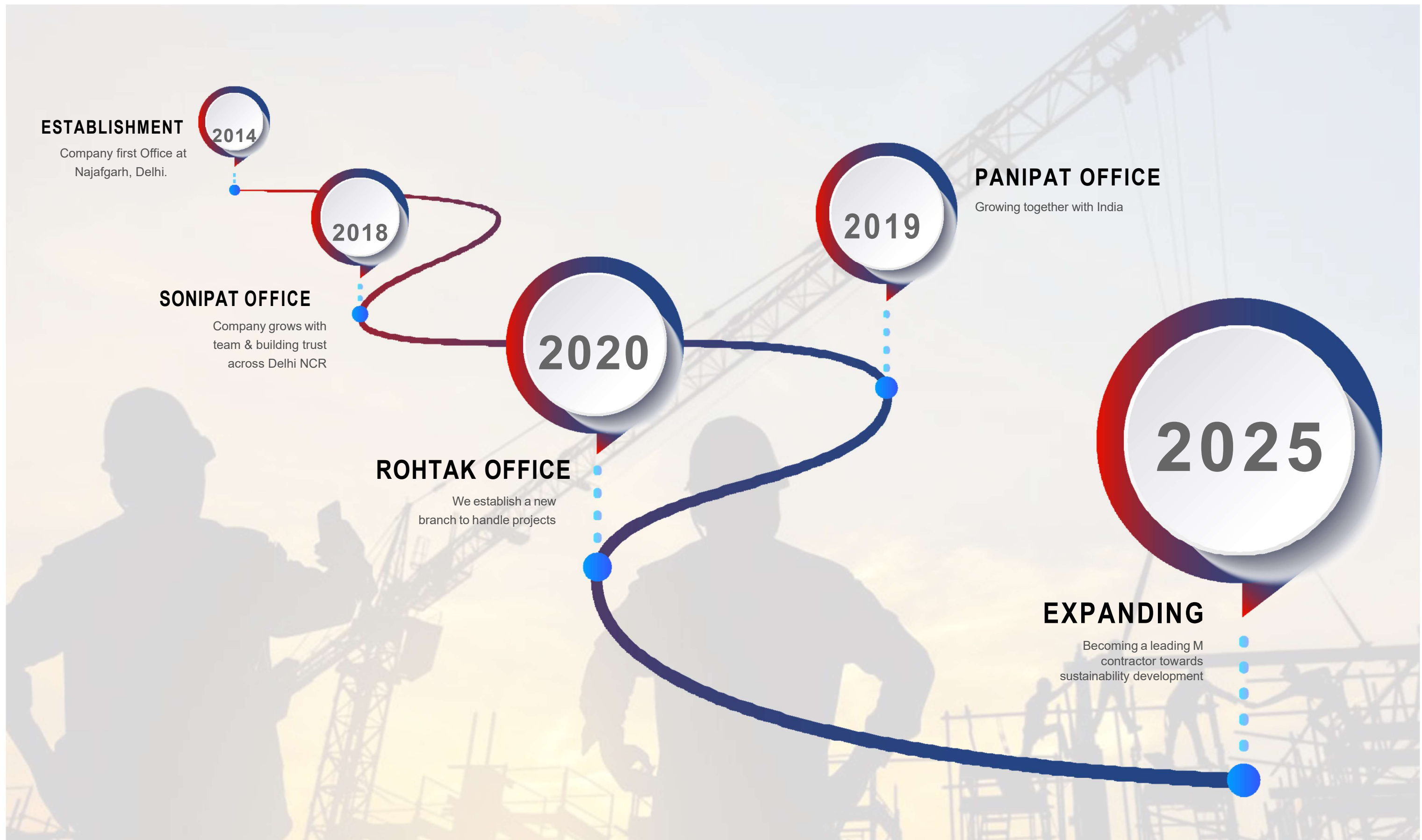
"Where Trust is the blueprint"



OVERVIEW



HOW WE BEGAN?



OUR COMMITMENT



The true measure of our success at BHTC lies in the tangible impact we create. While we hold ourselves to the highest standards of safety, quality, and timely delivery, our core commitment is to foster a sustainable environment and embrace our social responsibilities. We believe that by empowering our people and integrating these values into every project, we build not just structures, but a legacy of positive change.

Mr. Nikesh Khokhar – Managing Director

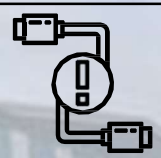


YOUR SATISFACTION

BHTC is envisioned to extend its business to foreign markets and provide optimal design and construction solutions in respect of the following commitments



100% SAFE HOURS
during execution



0% DEFECTS
at handover



100% ON TIME DELIVERY
following project schedule

BUSINESS VALUES

1 MISSION

Continuously providing sustainable MEP technical solutions and construction services with the fastest execution, while always ensuring safety and quality according to local and international standards with the goal of bringing peace of mind and satisfaction for clients. BHTC contributes to the improvement of production and business efficiency and ensures comfort, well-being, and safety for the end-users.



BUSINESS ETHICS Honesty - Dedication

2 VISION

To become the leading, reliable MEP contractor providing sustainable solutions from simple to complex design, installation and maintenance services across India..



3 CORE VALUES

PROACTIVENESS

Constantly preparing and proactively seeking the best solutions to any challenge. Continuous improvement encourages us to grow to exceed clients' satisfaction.

COOPERATION

Being open-minded and expressing ourselves clearly in communication, always listen and comprehend. Willing to exchange information, ideas, and assisting each other to grow.

COMMITMENT

Committing to fulfill our promises and accompanying clients and partners to success.

INTEGRITY

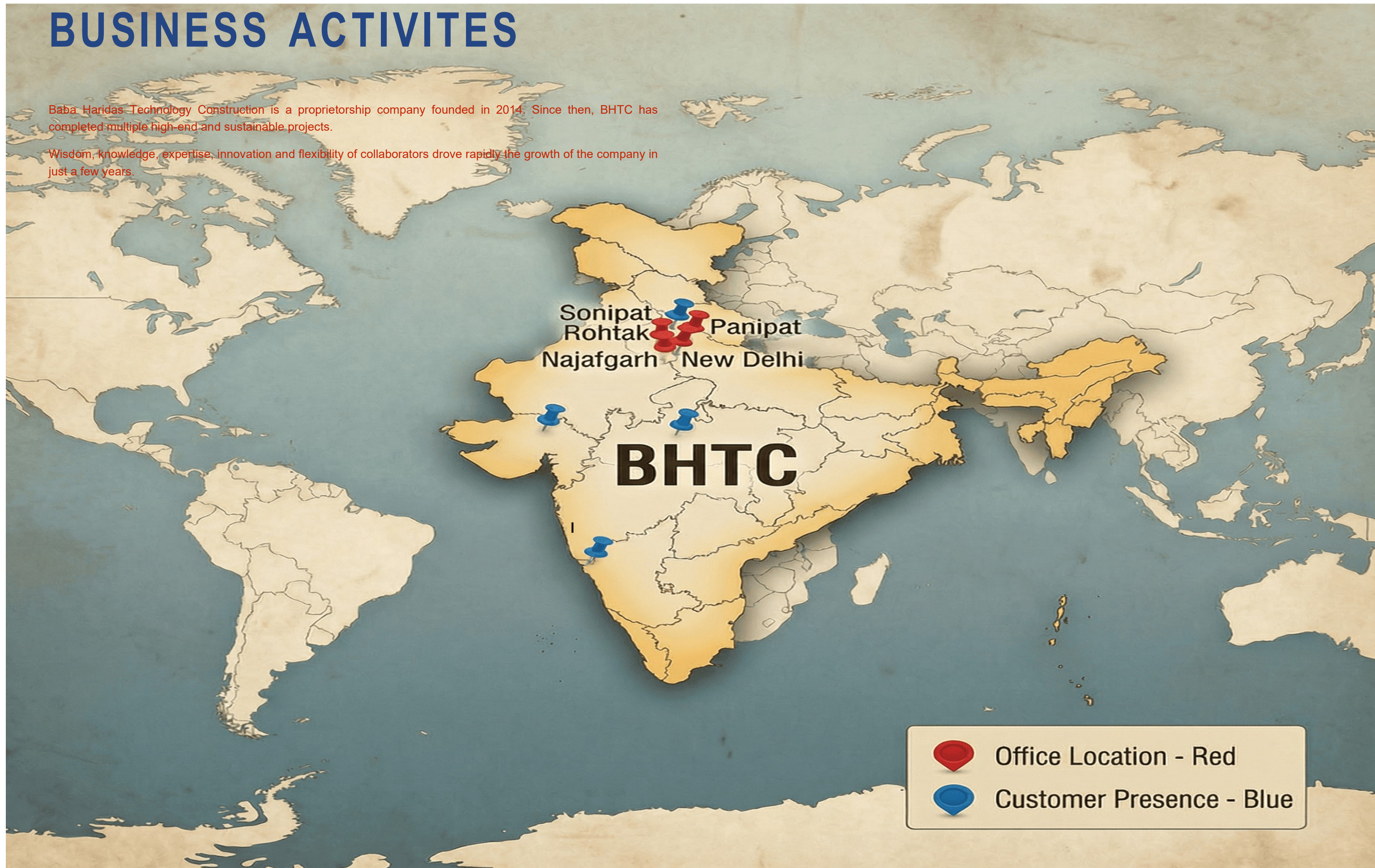
Keeping honesty in communication and at work. Forbidding to conceal the truth or to do bribery and embezzlement in any manner.



BUSINESS ACTIVITES

Baba Haridas Technology Construction is a proprietorship company founded in 2014. Since then, BHTC has completed multiple high-end and sustainable projects.

Wisdom, knowledge, expertise, innovation and flexibility of collaborators drove rapidly the growth of the company in just a few years.





SCOPE OF BUSINESS

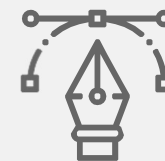


IN A NUTSHELL



MEP EXPERTISE

Along 10 years of growth, BHTC provides complete installation, commissioning and maintenance services for mechanical, electrical, plumbing and firefighting systems of various projects across India, implemented by our in-house engineering and construction resources. Customers and collaborators greatly appreciate our finishing quality, respect of schedules, on-site health and safety policies application, and investment & operation optimized engineering solutions.



DESIGN AND VALUE ENGINEERING

In different phases, from design concept to construction drawings, BHTC has become experts in providing construction services by well-trained professionals, bringing innovative ideas, significant value engineering for cost reduction, quick processing of permits and reviews to contractors, partners, and owners in accordance to both local and international standards in the coordination of BIM Modelling.



MAINTENANCE

BHTC provides preventive and reparative maintenance by trained engineers to ensure the system's maximum continuous efficiency, in line with our dedication to high standards and expectancy.

DESIGN CONSULTANCY

DESIGN & BUILD APPROACH

Our experienced and well-trained engineers and project managers provide turnkey solutions with an efficient design & build approach.

Being a single point of responsibility allows us to conduct our projects without boundaries, communicate instantaneously, thus significantly reduce the time to complete the project, compared to the traditional approach.

BHTC designs include drawings, specifications, bills of quantity and calculations in accordance with local & international standards, requirements and visions of our clients.

Our philosophy for sustainability leads in the broad sense (financial & environmental) leads us to constantly challenge building technologies and processes.

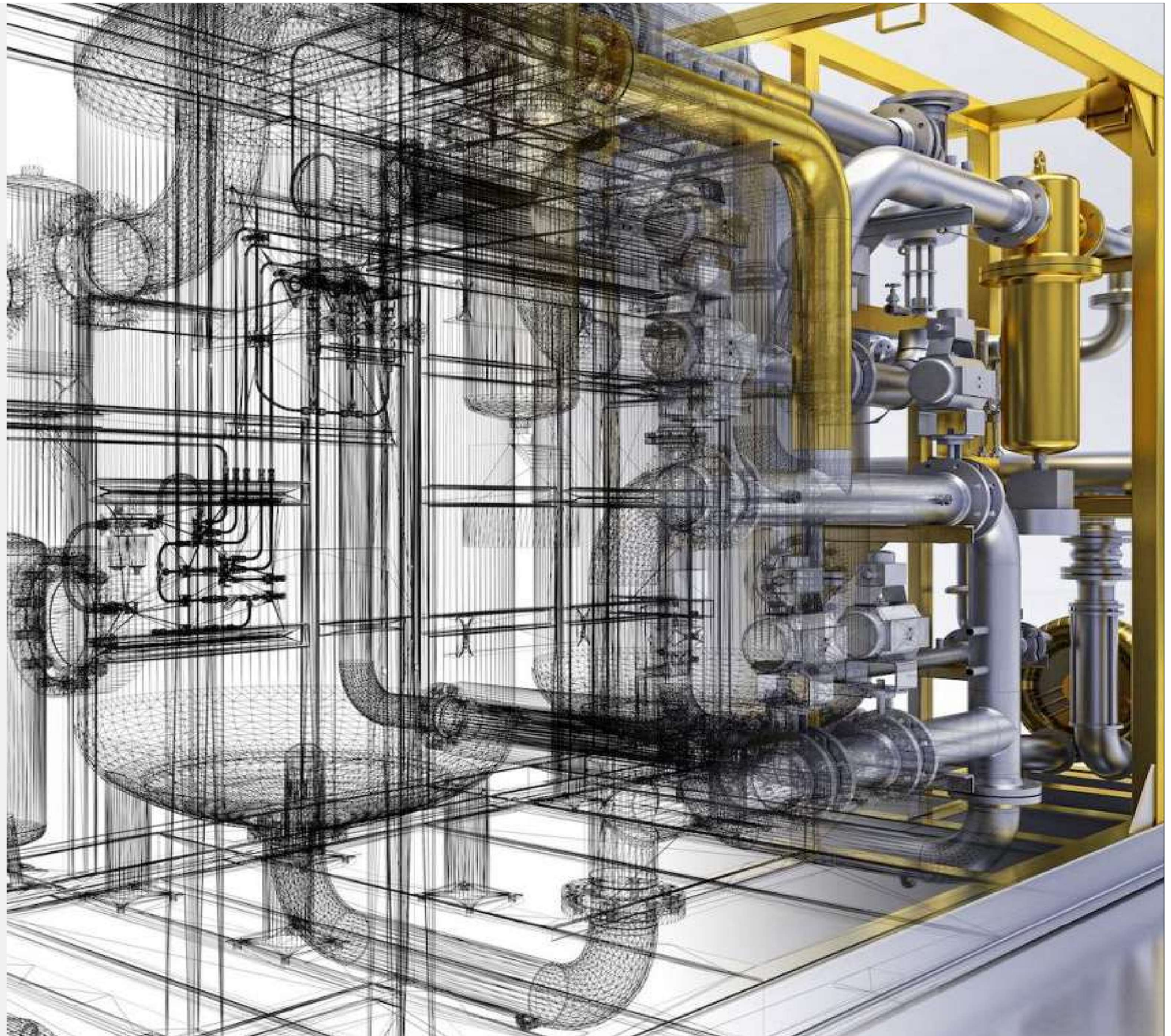
BUILDING INFORMATION MODELING (BIM)



Since 2017, as part of our effort to grow with multi-disciplined services BHTC trained and empowered our Engineering Department to deliver design and value engineering through building information modeling (BIM).

Through 3 years of implementing BIM in our projects, we are able to detect, diagnose, and fix constructability problems before construction starts. This benefits the project timeline, possible maintenance & audit works and contributes to reducing construction costs for the investors.

We understand that each client has different requirements, so from the beginning, our solutions are customized to fit each project. From planning and design to construction and operation, our engineers provide assistance through the whole project lifetime.



VALUE ENGINEERING

1 OPTIMAL DESIGN

POWER SYSTEM ANALYSIS

Implementing the analysis of the power system allows to conduct a phase analysis of each component, track the voltage of different buses, the actual and reactive power flow between buses, plan the potential expansion of the current system and analyze the system under different conditions of failure and on the basis of different scenarios.

HEAT LOAD CALCULATION

With heat load measurement, we calculate many aspects in order to find the appropriate system capacity for optimal performance and comfort, and come up with a system that consumes less energy, achieves better results, and lowers monthly operating costs.

HYDRAULIC CALCULATION

Implementing the hydraulic calculation allows to determinate the need for hydraulic supply and the water pressure needed to sustain the necessary flow, leading to the correct size of pipes and equipment will be selected based on the analysis.

RELOCATION OF EQUIPMENT & ROUTING CONNECTION

Spotting the optimized location and routing connection, we ensure easier maintenance and reduce safety issues inducing a huge saving on the cost for piping, valves, ducts, etc. for investors.

MATERIALS & EQUIPMENT SELECTION

The selection of materials and equipment is made to find the environmental and energy-efficient materials with best practices to avoid oversizing and overdesigning based on the market and local conditions.



2 ENERGY SOLUTIONS

ENERGY EFFICIENCY

The selection of the main equipment considers energy efficiency relatively to the project's objectives, through the evaluation of respective coefficient of performance (COP) - but more importantly as a whole, as single facilities are related and impact on each other's.

LIGHTING

Numerous control types are used to operate lighting system, including switches, occupancy and photosensors, and other automatic control systems to manage lighting along with other facilities, with the objective of improving energy savings, productivity and well-being of building users.

HVAC

Different solutions from using well-insulated pipes, ducts, and outlets to trap in all the heated or cooled air to and preserving airflow and choosing a right type of air conditioning system that could contribute greatly to the operation cost of a property.

POWER MONITORING SYSTEM

The power monitoring system provides the data required for important energy management such as capacity analysis of electrical panels, troubleshoot of circuit breaker trips, detection of energy costs and uncovered energy waste.

3 BRANDS & VENDORS

AFFORDABLE BRANDS WITH EQUIVALENT QUALITY

We offer methods of evaluating the entire engineering strategy based on market experience to find out whether there is a possibility of proposing a better brand name, a better price but still qualifying the same requirements.

VENDORS WITH GOOD SERVICES & FAST DELIVERY

With a physical inventory of the equipment & vendors on hand, we propose different options along with good after-sale guarantee and maintenance services, fast responding and close to the construction site to reduce the cost and time of delivery.

MEP CONSTRUCTION



WE PROVIDE

Complete engineering, design & build, full support for any size project from concept designs up to project completion and commissioning.

01


MECHANICAL



- Piping
- Fabrication
- Erection
- Structure
- NDT Services
- P&ID

02


ELECTRICAL



- Medium and High Voltage
- Low and extra-low Voltage
- Main Feeder
- Lighting
- Generator
- Earthing & Lightning
- CCTV & Security

03


PLUMBING



- Plumbing
- Sanitary
- Sewage
- Water Treatment (STP, WTP)

04


FIRE FIGHTING



- Fire Alarm
- Sprinkler Hose reel
- Foam Fire Fighting
- Gas suppression

05

PROCESS



- Gas piping
- Gas tank installation
- Process ventilation
- Process cooling water
- Utility piping (steam, compressed air)

06

MAINTENANCE



BHTC offers 24/7 MEPF system comprehensive and preventive maintenance services

MAINTENANCE

OUR GUARANTEE AFTER CONSTRUCTION

In addition to our internal effort for quality and 0% defect commitment, we provide a guarantee of free maintenance up to 1 years after completion of all our projects.

Our dedicated maintenance team excels in both preventive and reparative maintenance and keeps on continuous training on the evolution of technology.

Among the defects cover by our maintenance services, the most common and critical ones are



Pressure Loss



Short Circuit



Corrosion



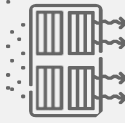
Flow Unbalance



Heat Loss



Pipe Obstruction



Dirt in filter



Noise & Vibration



A THOROUGH **PREVENTIVE MAINTENANCE** ALLOWS TO ANTICIPATE THE RISK OF DISRUPTION THAT COULD AFFECT OPERATION AND RESULT IN HIGH REPARATIVE MAINTENANCE COSTS

PROFESSIONAL MAINTENANCE SERVICE

BHTC provides the professional maintenance service to help you inspect and evaluate your project to determine risks, maintenance plans, necessary remediations, etc. The maintenance works are performed by a dedicated maintenance team specializing in various disciplines.

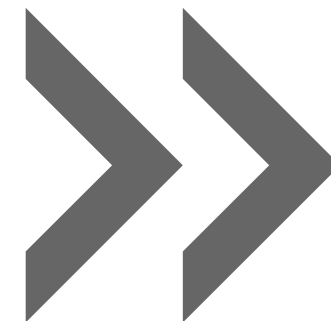
With a long-term maintenance contract, we guarantee peace of mind to our clients and partners by keeping your project functional and livable.



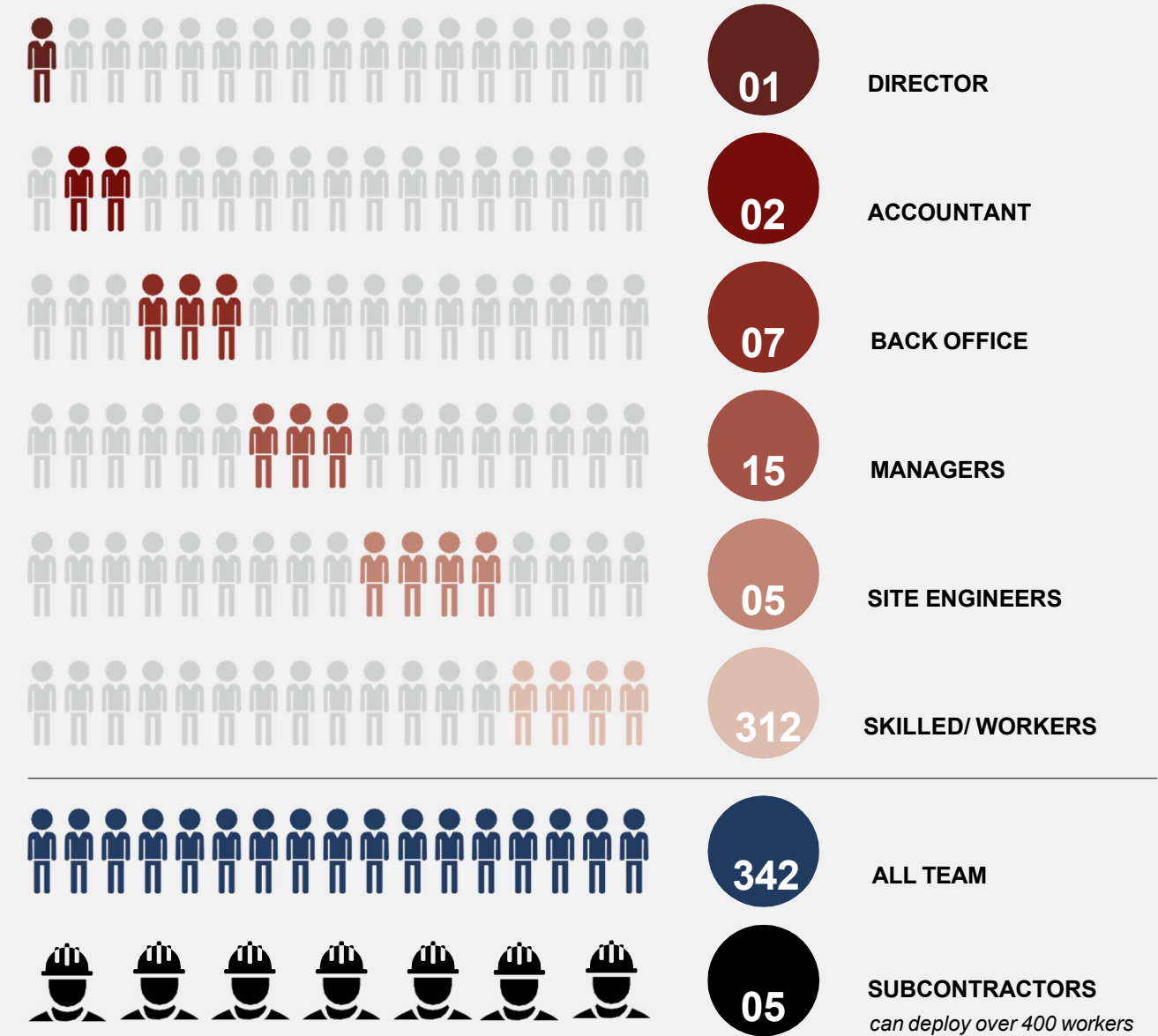
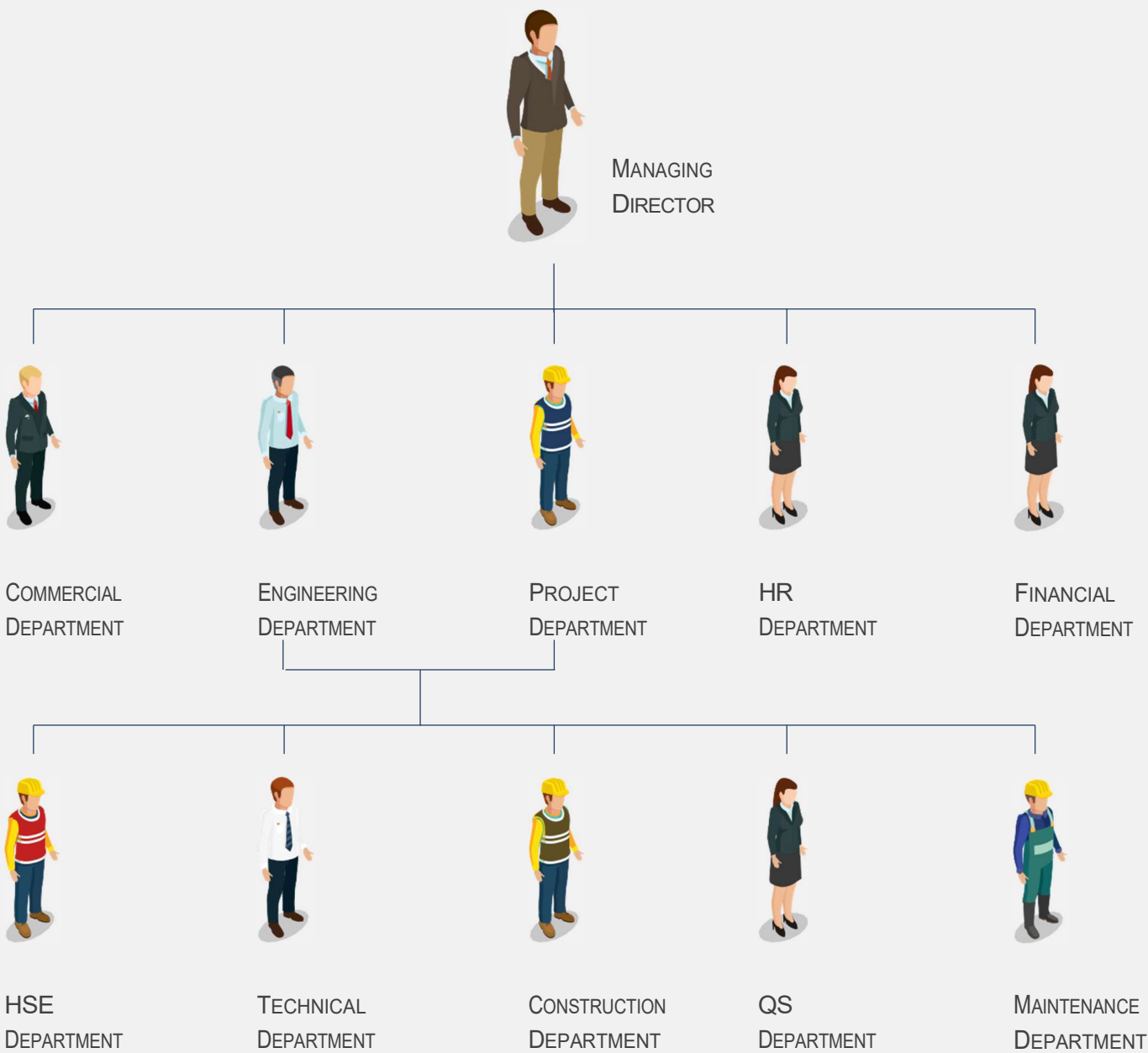
Please refer to Final Offer/ Quotation**

A photograph of an industrial facility, likely a refinery or chemical plant, featuring a complex network of large, silver-colored metal pipes and machinery. The pipes are arranged in a dense, organized manner, with some running horizontally and others vertically. The background shows more industrial structures and a clear sky.

ORGANIZATION & RESPONSIBILITY



ORGANIZATION CHART



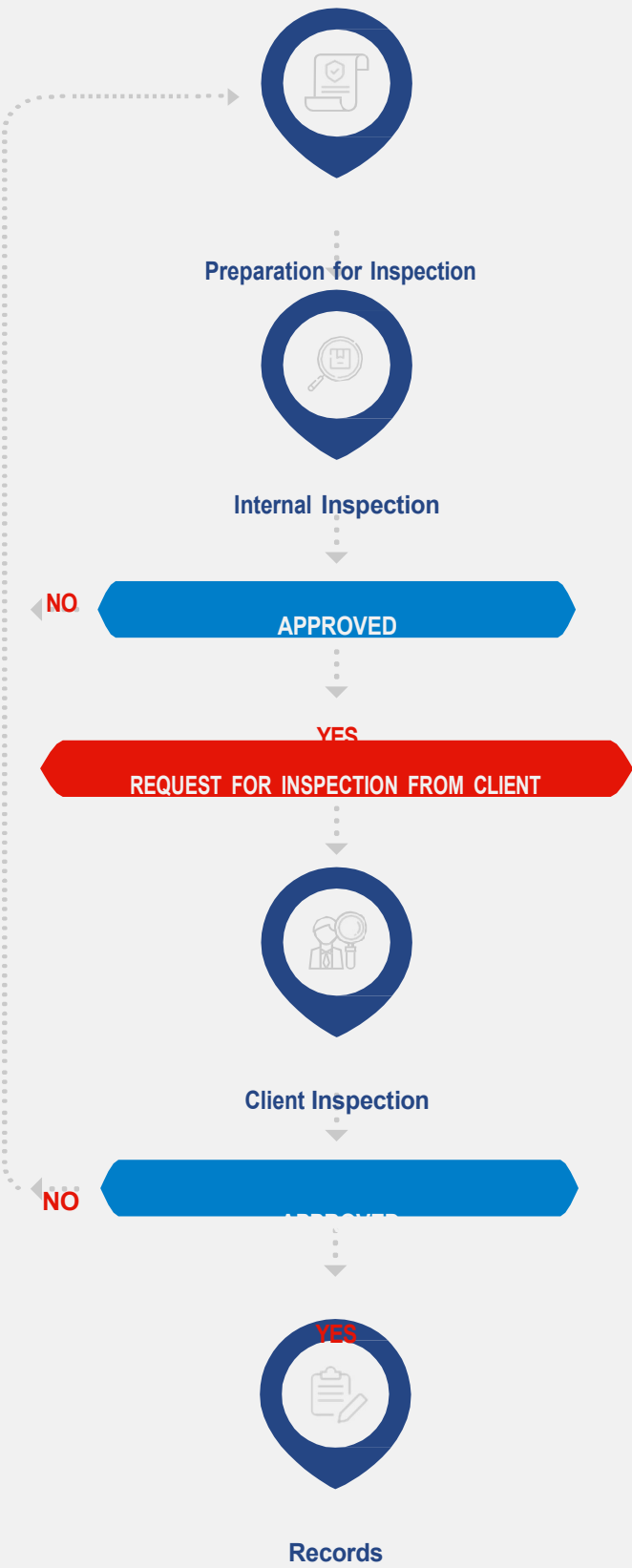
QUALITY MANAGEMENT



QUALITY MANAGEMENT SYSTEM

Quality is important to our business because we value our customers. We aim to provide services for our clients that meet and even exceed their expectations.

We are dedicated to continuous improvement and have set up a quality management system that offers a framework for our output to be evaluated and enhanced by regular gathering and monitoring from customer feedback, training and growth our employees, periodic audits of our internal processes, measuring quality goals that reflect our business objectives, reviewing audit results, customer reviews and complaints..



SAFETY MANAGEMENT



HSE MANAGEMENT SYSTEM

HSE Management System (HSEMS) complies with best safety standards and refers to the quality management process to incorporate into the HSE management approach. Utilizing this process allows the project to maintain a continual improvement cycle. These improvements are expected to be realized by the reduction of onsite risks in a systematic manner.



POLICY

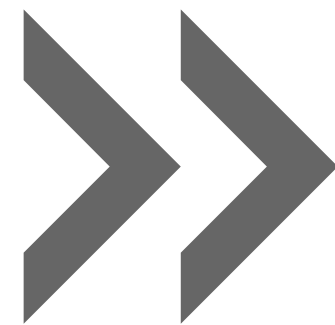
We are committed to our HSE Policy throughout the implementation of the construction process to ensure a safe and healthy workplace for all our employees. With the mission of focusing on employee's occupational health and safety and commitment to protecting the environment,

1. To comply with legal requirements and any other requirements that are relevant to occupational health and safety as well as environmental aspects.
2. To ensure occupational health and safety for employees and prevent occupational diseases that affect employees' health in the working process.
3. To protect the environment and the safety of the local community.
4. To promote awareness, participation, and consultation of employees for HSE issues.
5. To provide an adequate resource to ensure operational performances along with all requirements and to maintain and continually improve the HSE management system.





PERFORMANCE



BUSINESS SECTORS



WE KNOW WHAT CONCERNS YOU

As a trusted companion, we support your business development and provide outstanding talents to focus on a deep knowledge of the sectors in which your business works. The understanding of the particular problems related to different sectors make us a preferred partner of different businesses aiming at leading position on their market.



OIL & REFINERY/ MANUFACTURING/ POWER PLANT

- Refinery
- Edible Oil Filtration
- Petrochemical
- Sulphur Unit
- Naptha Cracker
- Butine
- Butadine
- Rubber Plant
- Power Plant
- Fast-moving consumer goods (FMCG)
- Food & Beverage
- Pharmaceutics
- (Drugs, Sterilizer, Filler)
- Electronics
- Furniture
- Textile & Footwear
- Mechanical Components
- Iron & Steel
- Chemical Products
- Cosmetic Products



INDUSTRIAL PARK

- Infrastructures
- Factories
- Warehouses
- Water Treatment Plant (WTP)
- Sewage Treatment Plant (STP)



REAL ESTATE

- Hospitality & Residential
- Retail & Commercial
- Healthcare
- Administration buildings



OUR VALUED CLIENTS



BABA HARIDAS TECHNOLOGY CONSTRUCTION

Head Office

Malik House Rz 176A, Y Block, New
Roshanpura, Near Arya Public
School, Najafgargh, New Delhi
India

+91 98139 07609
+91 98139 07608

Branch Offices

Sonipat
Rohtak
Panipat
(Haryana)

bhtcassociate@gmail.com
nikeshkhokhar@yahoo.com