



EMPOWERING NATION



**BHARAT ENGINEERING AND
CONSTRUCTION**

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BHARAT ENGINEERING AND CONSTRUCTION

SUBSIDIARY OF
MALLAHAN INDUSTRIES PVT. LTD.

BE&C is an EPCM Organization and
TECHNOLOGY Supplier for various chemicals,
Pharmaceutical, Paints, Pigments, Aromatics,
fertilizer, FMCG

If you prefer to study our proposal, then review
our featured chemical plant profile
Contact us for detailed offer



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Our Mission

We at BE&C create environment where our nation, clients and employees has ample opportunity to grow limitless. With the team of dedicated

We promote innovation and commitment for everlasting growth and success.

With the team of dedicated and experienced workforce we help our clients to complete the projects on time



Flexible in approach

Our Values

Ownership
Responsible
Team Work
Respect
Honest Communication



Quality

We are committed to our service of finest quality. We are backed by highly skilled and experienced professional with exposure to international standards of engineering and a commitment to exceptional client service



Customer Commitment

We believe in collaborative effort and ownership of each project. We strive to the best of our ability to complete the project in the stipulated frame.



Integrity

We keep our commitment and word with respect, act with moral wisdom. We value and respect clients reputation



Our Vision

Empowering Nation

Empowering nation with Latest Technology for various areas of Chemical, Mechanical, electrical and instrumentation



Shaping the future by preserving our heritage, discovering new knowledge, and sharing our resources with the world

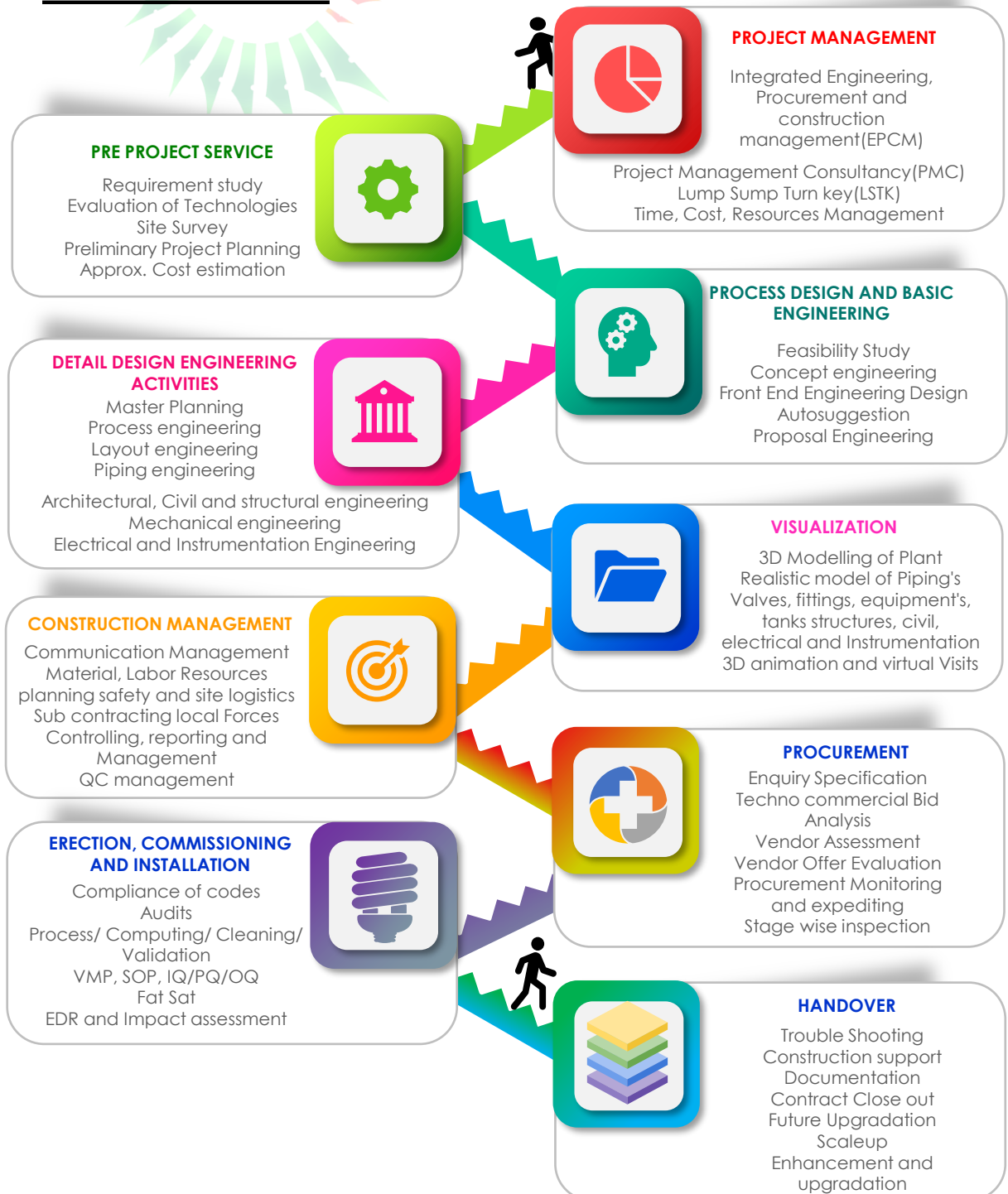


About us

BE&C is an EPCM organization based in INDIA. The company provides engineering, procurement, construction and management services to chemical, petrochemical, fertilizer, pesticides, insecticides, Distillery, ethanol, FMCG.

BE&C is also a **Technology Supplier** of various chemicals, paints, Varnishes, pigments, pharmaceuticals(Formulations, Bio Pharma, API), Surfactants, Aromatics, Bio Fertilizer, FMCG(OILS, Soaps, Detergents, Agro-foods), carbon black, Battery Recycle.

Services we offer



Engineering Division

- Pre Project-Services



We Provide chemical technologies for various products of Inorganics Chemicals, Surfactants, Pesticides, Insecticides, Aromatics, Paints, Pigments, Grain distillery, Oils, Soaps and detergents

We Study process systems for manufacture of a new product or to implement improvements / changes in existing production units.

We Prepares economic studies associated with Research and development, Products Valuation, Process performance, Profit Analysis, growth scope.

We Designs and/or specifies items of equipment required to define the process flowsheet or flow system.

Scale up of Plant from Laboratory & Pilot Plant to Commercial Scale Production

- Process design & Basic Engineering Service

Feasibility Study

Concept Engineering

Front End Engineering Design (FEED)

Proposal Engineering for EPC Bid

- Detail Engineering

Architectural

Layout & Piping

Civil & Structural

Electrical

Instrumentation

Mechanical

Environmental, Health & Safety, Fire Protection

Project Management

- Trouble Shooting, Debottlenecking & Revamping

- HAZOP & Safety Studies

- Detailed Engineering in all discipline

- Procurement, Inspection and Expediting

- Site / construction management and commissioning assistance



Construction Division

Construction and Commissioning is a mission-critical stage for any engineering project. This demands technical excellence as well as operational expertise. BE&C leverages its experience and acumen to offer comprehensive tactical and practical inputs to make this a success.

We combine core engineering and project management expertise along with strong domain specific knowledge to offer customised solutions that create best in class infrastructure for a wide spectrum of industrial space

- Planning/ Scheduling
- Material Management
- Efficient Deployment of Skilled/Unskilled Services
- Subcontractor Management
- Adherence to QA/QC
- Safety Control
- Testing and Commissioning
- Project Handover

SERVICE WE OFFER

| | | |
|-----------------------------------|-----------------------------------|----------------------------------|
| PIPING FABRICATION | PIPING ERECTION | SITE TANK FABRICATION |
| SITE TANK ERECTION | STRUCTURE FABRICATION | STRUCTURE ERECTION |
| PIPE RACK FABRICATION | PIPE RACK ERECTION | SITE CONSTRUCTION |
| MECHANICAL MAINTENANCE | BREAK-DOWN MAINTENANCE | BROWN FIELD |
| INSTALLATION | COMMISSIONING | TESTING |
| REPAIR | REPLACEMENT | RECONSTRUCTION |

The Indian paint industry brought revolutionary changes in Indian industry in the form of market orientation, customer focus, new and unique products, large varieties, competitiveness, quicker market response, product reliability and even the financial support to customers. New products and production technologies, global manufacturing techniques and systems, computerization and a host of other innovations have come in, making the competition intense. The only way to enter or sustain this area is to upgrade everyday with Advance formulation, Unique technology, latest machineries, effective Cost.

BE&C has the foremost technologies and engineering capability that can give you a quantum leap for your investment. we provide detailed project reports that cover all the aspects of business, from analysing the market, confirming availability of various necessities such as plant & machinery, raw materials to forecasting the financial requirements. The scope of the report includes assessing market potential, investment decision making, corporate diversification planning etc. in a very planned manner by formulating detailed manufacturing techniques and forecasting financial aspects by estimating the cost of raw material, formulating the cash flow statement, projecting the balance sheet etc. The detailed project reports are prepared by highly qualified and experienced consultants and the market research and analysis are supported by a panel of experts and computerised data bank. OUR REPORT CONSISTS OF

- Inception:

Brief History of the Product, Properties, Codes, Standard, Specifications & Requirements, Uses & Applications.

- Manufacturing Techniques:

Formulae Detailed Process of Manufacture, Flow Sheet Diagram, Detailed Engineering

- Market Survey:

Present Market Position, Expected Future Demand, Statistics of Imports & Exports, Export Prospect,

- Personnel Requirements:

Requirement of Staff & Labour, Personnel Management, Skilled & Unskilled Labour.

- Plant & Machinery:

List of Plant & Machineries, Miscellaneous Items and Accessories, Instruments, Laboratory Equipment's and Accessories, Plant Location, Electrification, Electric Load and Water, Maintenance,

Suppliers / Manufacturers of Plant and Machineries.

- Land & Building:

Requirement of Land Area, Rates of the Land, Built up Area, Construction Schedule, Plant Layout.

- Raw Material:

List of Raw Materials, Properties of Raw Materials, Availability of Raw Materials, Required Quality of

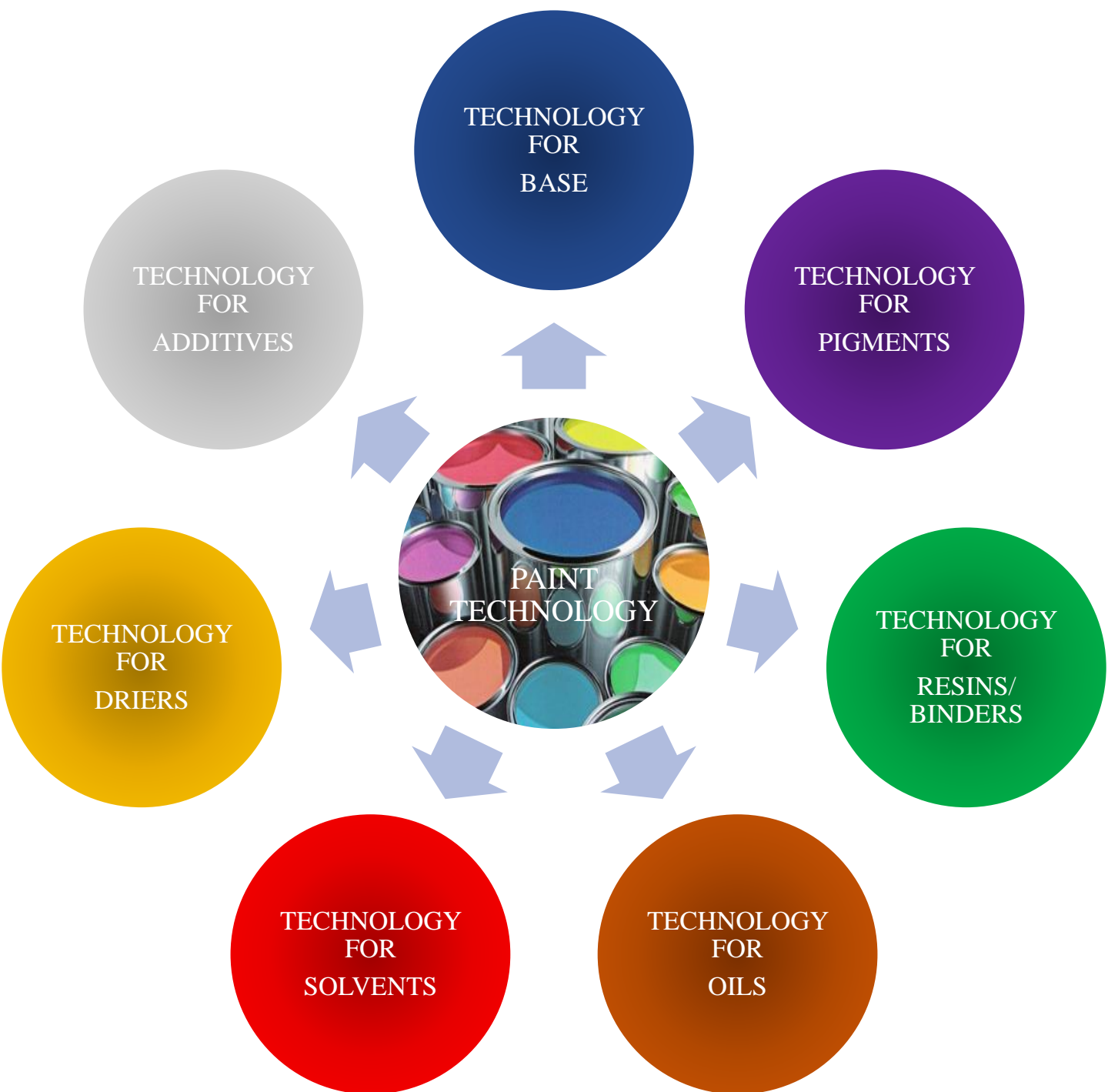
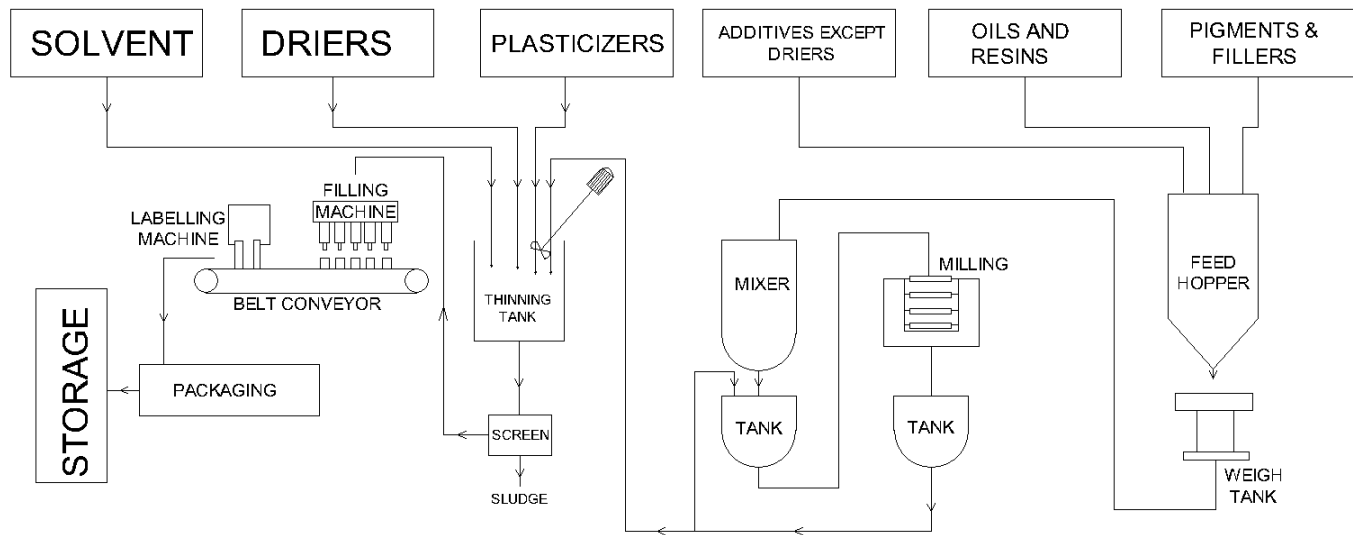
Raw Materials, Cost / Rates of Raw Materials.

- Financial Aspects:

Cost of Raw Materials, Cost of Land & Building, Cost of Plant & Machineries, Fixed Capital Investment, Working Capital, Project Cost, Capital Formation, Cost of Production, Profitability Analysis, Break Even Point, Cash Flow Statement for 5 to 10 Years depending owners goal, Depreciation Chart, Conclusion, Projected Balance Sheet, Land Man Ratio.

- Financial Analysis of project

Income and expenses, Profits, Forex transactions, liabilities, assessts, growth in assets and liabilities, growth in income and expense, liability ratio, profitability ratio, return ratio, cost compared to sales



BUILD YOUR PLANT WITH BE&C

- BE&C provides well proven solutions to build modern Paints & Pigment plants. One of our most important design principles is to provide our client with highly automatic Paints & Pigment plant. No extra operation staff needed except necessary engineer in the central control room.
- Flexible production
- Premium grade product
- Smart plant
- Superior plant
- Superior equipment
- Environment friendly



BE&C provides complete package of basic engineering, front end engineering design as well as detail engineering for Paints & Pigment. BE&C integrates its experienced engineers team, strict engineering management system and advance engineering tools to provide modern and efficient engineering solutions to our global customers

If you prefer to have a well designed Paints & Pigment plant with state of art equipment workmanship then to get a competitive offer from **BE&C may be a nice decision**



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Empowering nation

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CONSTRUCTION IS A
SUBSIDIARY OF MALLAHAN
INDUSTRIES PVT. LTD.
ESTABLISHED IN 2020.

FOR MORE DETAIL OF
AVAILABLE TECHNOLOGY AND
OUR SERVICES FOR
ENGINEERING AND
CONSTRUCTION REACH US ON
BELOW ADDRESS.

HEAD OFFICE ADD:
BRL HOUSE, VASAI PHATA,
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