



# List of Profitable Business Ideas in Wire and Wire Products Manufacturing Industry.

*Production of PVC Electric Wires & Cables, Power Cable, Galvanized Iron Wire, Wire Mesh, Rosin Cored Soft Soldering Wire, Enameled Copper Wire, MIG Welding Wire, Aluminium Wire & Cables, Wire Drawing Lubricants, Nylon Coating on Zinc Wire and Copper Wire Drawing.*

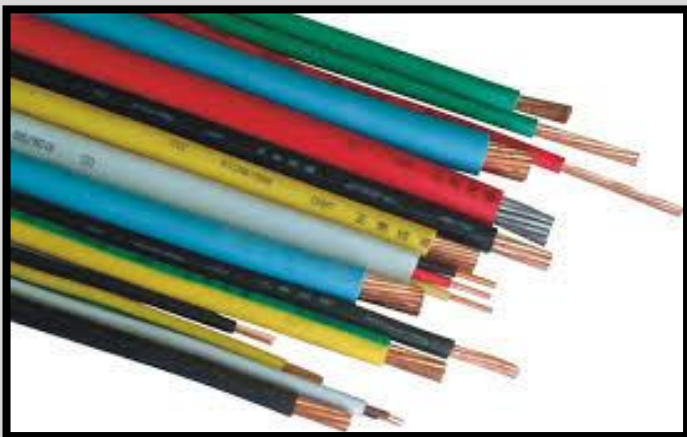
## **Introduction**

*The wires and cables in the India has witnessed a growth in recent years on account of rising demand wires and cables fueled by expansion in infrastructure development, electricity consumption and others. The surge in revenue is majorly originated from growth in power cables as a segment of wires and cables market. The upsurge in this segment has been largely led by the domestic factors such government expenditure on infrastructure, increase in level of investment, rising level of disposable income, technological advancement.*





*Cable and wire industry has established itself as one of the backbones of modern information age. The increasing importance for power, light and communication has kept demand high for wire and cable. This trend will continue as demand for reliable, efficient energy and data communications will strengthen the wire and cable industry. The industry is a volume-driven product and has evolved from the unorganised to the organised sector. However, about 35 per cent of this industry is still in the unorganised.*





*Wires and cables play an indispensable role in today's digitally advanced life and find extensive usage across a number of applications in several industries. The extensive usage and applications of wires and cables across various industries will put the wires and cables industry on the right path for the future. The wires and cables market is expected to double in size in the next five years. The market is growing at a CAGR of 15% as a result of growth in the power and infrastructure segments.*





*Enameled Copper Wires is used widely in electrical, electronic and automobile industry. Enamelled copper wires have got huge appreciation for their high thermal conductivity and corrosion resistance. The superior's quality and high strength of these wires make these highly durable and offer ease of fabrication, joining and forming.*





***Enameled Copper Wires play an important role in conducting electricity between the cells of a solar panel. It separates the solar cells and conducts the current collected by cells to solar inverters that convert direct current power to alternate current power. The size or the width of the copper wires determines the maximum current that can be safely conducted. Therefore, a growing market for solar energy will expand the market demand for enameled and bare copper wires. The year-over-year increase in installed photovoltaic capacity offers significant potential to the vendors to meet the rising demand for copper wires designed for solar panels."***





*The increasing demand for power, light and communication has kept demand high for wire and cable. The wires and cables market in India comprises nearly 40% of the electrical industry. Due to rising demand and other South Asian countries, especially China and India, aluminium wire production capacity in the Asia Pacific region in the coming years will show a continued growth. In India, for example, due to the investment growth in many areas, consumer confidence and improve the business environment in India will contribute to growth in demand for aluminium wire. At the same time, India manufacturing planning and everyone has electricity 2019 deployment plan will translate into market demand for aluminium wire.*



*Power Cables are used mostly by electricity boards & big industries where consumption of electricity is large. These cables are used for domestic supply of electricity in big towns of cities or in workshops where open wiring is not suitable due to moisture & hazardous gases.*

*The Power Cables are used underground as well as over head transmission of power in power plants, industries, projects and all other electrical installations. Different combinations such as Aluminium, Copper conductors, round solid conductor, stranded conductors, sector shaped conductors, taped inner sheath, extruded inner sheath, Round steel and aluminium wire/Flat galvanised steel strip Armored/unarmored, single/double outer sheathed etc are available.*





## ***Power Cables***

<b>Demand: Past and Future</b>	
<b>Year</b>	<b>(In '000 Km)</b>
1990-91	25.70
2000-01	29.65
2001-02	29.45
2002-03	31.51
2003-04	33.40
2004-05	36.07
2005-06	38.78
2006-07	41.30
2007-08	44.60
2008-09	47.28
2009-10	51.06
2010-11	55.66
2011-12	60.67
2012-13	66.25
2013-14	72.48
2014-15	79.44
2015-16	84.60
2016-17	90.10
2017-18	95.96
2018-19	102.20
2019-20	108.84
2024-25	156.25



Niir Project Consultancy Services (NPCS) can provide Detailed Project Report on Required Project

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## ***List of Small and Medium Businesses You Can Start:***

### **➤ GALVANIZED IRON WIRE**

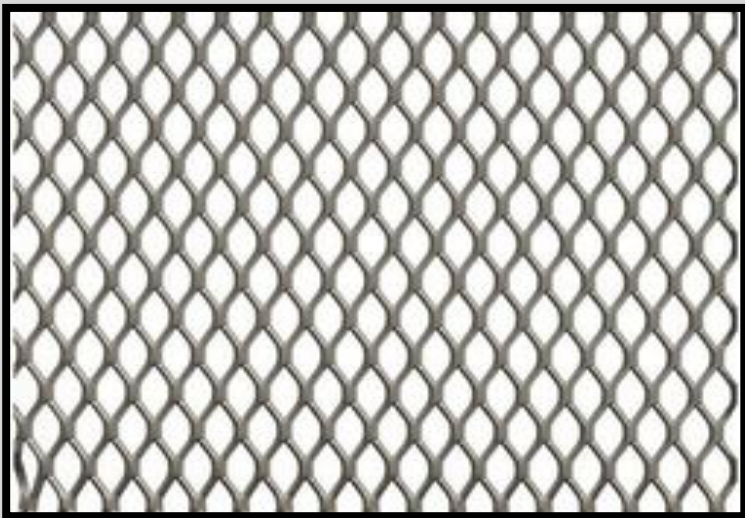
***The production of G.I. Wire from H.B. wire is not complicated. In case of H.B. wire drawing from H.B. bars, certain mechanical process is used. An important difference between bar drawing and wire drawing is that the bars must remain straight. [Read more](#)***





➤ **WIRE MESH (HEXAGONAL SQUARE)**

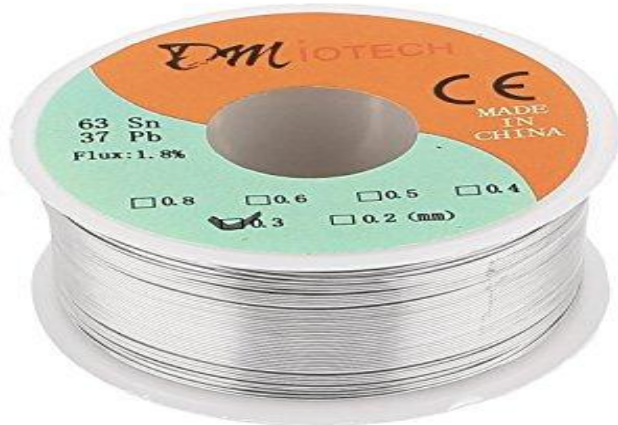
*Wire mesh is known as wire netting, which is supplied in various types of meshes and for various purposes. It is used by the builders i.e. fencing light, fencing poultry forms, tennis court and court yard fencing, concrete highway anchorage etc. It is also used in number of industries i.e. grain, [Read more](#)*





## ➤ **ROSIN CORED SOFT SOLDERING WIRE**

**Soldering is a process of joining solid components by introduction between them a molten alloy (solder) having a lower melting point than that of the base metal components being joined. Apart from electrical & electronics, soldering is applied in plumbing, manufacture of radiators, [Read more](#)**



## ➤ **ENAMELED COPPER WIRE**

*Enameled wire is an insulated wire used in winding of armatures in transformers, switch gears and other electrical equipments. When connected to the main supply a magnetic field is developed around the enameled wire coil and it helps to the conversion of electrical energy into mechanical energy as case of motors. [Read more](#)*





➤ ***MIG WELDING WIRE***

***MIG Wire is Copper coated strong wire. MIG wires are applied to weld numerous ferrous and non-ferrous materials and give sound results Solid copper coated welding wire for welding in gas shielding atmospheres. [Read more](#)***





## ➤ **ALUMINIUM WIRE & CABLES**

*Wire means Solid conductor or Insulated conductor which has strength and with cover or without cover and Cable means Insulated conductor (Solid or Strended) or two more than insulated conductor are kept together in insulated layer. [Read more](#)*







### ➤ **NYLON COATING ON ZINC WIRE (WIRE “O”WIRE)**

*Polyamides are a group of thermoplastic polymers containing amid groups in the main chain. They are popularly known as Nylons, which is the trade name of E.I. Du Pont. The work carried out by carothers at E.I. Du. Pont led to commercialization of PA-66 in 1938. [Read more](#)*

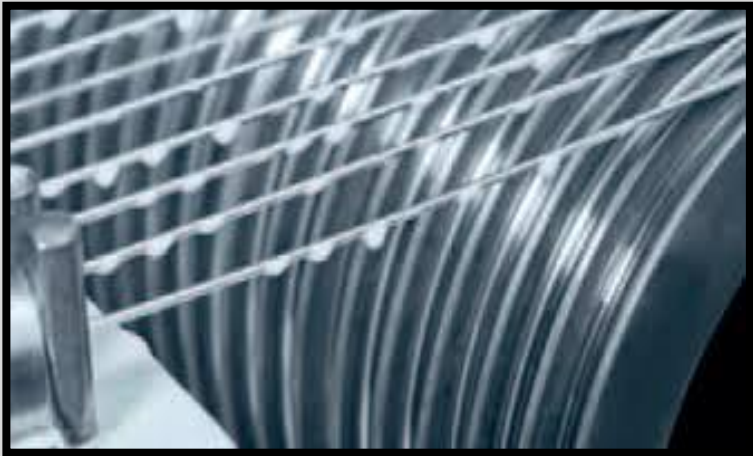




## ➤ **WIRE DRAWING LUBRICANTS**

***Lubricants are the products used for the lubrication of sliding or rolling elements. Product similar to these with respect to composition, manufacturing process and properties, however which serve other purposes may also considered as lubricants.***

**[Read more](#)**





## ➤ **PVC ELECTRIC WIRES & CABLES**

*In the field of insulated cables, PVC cables have occupied an important place and in fact these are most popularly used in homes for domestic wiring. Various types of PVC cables are available, e.g., cables for control, signaling, instrumentation, rural electrification and house wiring, [Read more](#)*





## ➤ **POWER CABLE**

***Electrical power cables used for transmission and distribution purposes consist of conductors stranded from plain high conductivity annealed copper wires insulated with oil impregnated paper tapes. Underground construction is necessitated in the more density built up portions of cities by the heavy transformers and lines required and by the multiplication of service connections to buildings. [Read more](#)***





➤ **COPPER WIRE DRAWING (FROM HIGHER SIZE TO VERY THIN SIZE USED IN ELECTRICAL CABLES)**

*Copper wire is an essential material for electrical cables, motor and transformer winding. It is available in different gauges. The gauge of the copper wire depends upon the winding required for the specific motor or transformer. On the basis of high conductivity, strength and ductility, [Read more](#)*





## ➤ **R-F COAXIAL CABLE**

*A coaxial Cable is one that consists of two conductors that share a common axis. The inner conductor is typically a straight wire, either solid or stranded and the outer conductor is typically a shield that might be braided or a foil. Coaxial cables and systems connected to them are not ideal. [Read more](#)*





## Tags

Wire and Wire Products Manufacture, Wire Manufacturing, Wire Manufacturing Process, Wire Drawing, Wire Production, Wire and Cable Manufacturing, Wire & Cable Industry, Wire Production Plant, Copper Wire Manufacturing Process, List of Profitable Business Ideas in Wire & Cable Manufacturing Industry, Wire Manufacturing Business, Wire Manufacturing Company, Wire and Cable Manufacturing Industry, How to Start an Electric Wire & Cable Business, Production of Wire Products, Manufacture of Wire Products, Wire Product Manufacturing Company, Cable Wire Manufacture, PVC Cables Manufacturing, PVC Wires and Cables Manufacturing Plant, PVC Cable Manufacturing Process, Electric Cable Manufacturing In India, Galvanized Iron Wire Production Process, Galvanized Iron Wire Production, Galvanized Iron Wire Manufacturing Plant, Manufacturing Process of Galvanized Iron Wire, Production of Galvanized Iron Wire, How is Wire Mesh Made?, Wire Mesh Manufacturing Process, Wire Mesh Production, Rosin Cored Soft Soldering Wire, Production Process of Enameled Copper Wire, Enameled Copper Wire Manufacture, Enamelled Copper Wire Production, MIG Wire Manufacturing, MIG Welding Wire Manufacturing Plant, MIG Welding Wire Manufacturing Unit,



MIG Welding Wire Production Plant, MIG Wire Manufacturing Industry, Aluminum Wire Production, Aluminium Wire Manufacture, Production of Aluminium Wire, Nylon Coating on Zinc Wire, Power Cable Manufacturing Process, Production of Power Cable, Wire Drawing Lubricants, MIG Welding Wire Manufacturing project ideas, Projects on Small Scale Industries, Small scale industries projects ideas, Wire Manufacturing Based Small Scale Industries Projects, Project profile on small scale industries, How to Start Galvanized Iron Wire Manufacturing Industry in India, Wire Manufacturing Projects, New project profile on MIG Welding Wire Manufacturing industries, Project Report on Wire Manufacturing Industry, Detailed Project Report on PVC Cables Manufacturing, Project Report on Galvanized Iron Wire Manufacturing, Pre-Investment Feasibility Study on Wire and Wire Products Manufacture, Techno-Economic feasibility study on PVC Cables Manufacturing, Feasibility report on Power Cable Manufacturing, Free Project Profile on Power Cable Manufacturing, Project profile on Wire and Wire Products Manufacture, Download free project profile on PVC Cables Manufacturing, Project report for bank loan, Project report for bank finance, Project report format for bank loan in excel, Excel Format of Project Report and CMA Data, Project Report Bank Loan Excel





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## Major Queries/Questions Answered in Our Report?

- 1. How has the industry performed so far and how will it perform in the coming years?**
- 2. What is the Project Feasibility of the Plant?**
- 3. What are the requirements of Working Capital for setting up the plant?**
- 4. What is the structure of the industry and who are the key/major players?**



- 5. What is the total project cost for setting up the plant?**
- 6. What are the operating costs for setting up the plant?**
- 7. What are the machinery and equipment requirements for setting up the plant?**
- 8. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up the plant?**
- 9. What are the requirements of raw material for setting up the plant?**



- 10. Who are the Suppliers and Manufacturers of Raw materials for setting up the plant?**
- 11. What is the Manufacturing Process of the plant?**
- 12. What is the total size of land required for setting up the plant?**
- 13. What will be the income and expenditures for the plant?**
- 14. What are the Projected Balance Sheets of the plant?**



- 15. What are the requirement of utilities and overheads for setting up the plant?**
- 16. What is the Built up Area Requirement and cost for setting up the plant?**
- 17. What are the Personnel (Manpower) Requirements for setting up the plant?**
- 18. What are Statistics of Import & Export for the Industry?**
- 19. What is the time required to break-even?**



- 20. What is the Break-Even Analysis of the plant?**
- 21. What are the Project financials of the plant?**
- 22. What are the Profitability Ratios of the plant?**
- 23. What is the Sensitivity Analysis-Price/Volume of the plant?**
- 24. What are the Projected Pay-Back Period and IRR of the plant?**
- 25. What is the Process Flow Sheet Diagram of the plant?**
- 26. What are the Market Opportunities for setting up the plant?**
- 27. What is the Market Study and Assessment for setting up the plant?**
- 28. What is the Plant Layout for setting up the plant?**



## Reasons for Buying Our Report:

- **The report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product**
- **The report provides vital information on the product like it's characteristics and segmentation**
- **The report helps you market and place the product correctly by identifying the target customer group of the product**



- **The report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials**
- **The report provides a glimpse of government regulations applicable on the industry**
- **The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions**





## **Our Approach:**

- **Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.**
- **The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players**
- **We use reliable sources of information and databases. And information from such sources is processed by us and included in the report**



## **Free Instant Online Project Identification and Selection Service**

**Our Team has simplified the process for you by providing a "Free Instant Online Project Identification & Selection" search facility to identify projects based on multiple search parameters related to project costs namely: Plant & Machinery Cost, Total Capital Investment, Cost of the project, Rate of Return% (ROR) and Break Even Point % (BEP). You can sort the projects on the basis of mentioned pointers and identify a suitable project matching your investment requisites.....[Read more](#)**



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### **▪ Detailed Project Reports**

**NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.**

**Our Market Survey cum Detailed Techno Economic Feasibility Report provides an insight of market in India. The report assesses the market sizing and growth of the Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line.**



**And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:**

- **Good Present/Future Demand**
- **Export-Import Market Potential**
- **Raw Material & Manpower Availability**
- **Project Costs and Payback Period**

**The detailed project report covers all aspect of business, from analyzing the market, confirming availability of various necessities such as Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule,**



**Working Capital Requirement, uses and applications, Plant Layout, Project Financials, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis. The DPR (Detailed Project Report) is formulated by highly accomplished and experienced consultants and the market research and analysis are supported by a panel of experts and digitalized data bank.**

**We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in India along with its business prospects.....[Read more](#)**



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## Contact us

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## Who are We?

- *One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services*
- *We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad*



## What do We Offer?

- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Business Plan*
- *Market Research Reports*
- *Technology Books and Directory*
- *Industry Trend*
- *Databases on CD-ROM*
- *Laboratory Testing Services*
- *Turnkey Project Consultancy/Solutions*
- *Entrepreneur India (An Industrial Monthly Journal)*



## How are We Different ?

- *We have two decades long experience in project consultancy and market research field*
- *We empower our customers with the prerequisite know-how to take sound business decisions*
- *We help catalyze business growth by providing distinctive and profound market analysis*
- *We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors*
- *We use authentic & reliable sources to ensure business precision*



# Our Approach

**Requirement collection**

**Thorough analysis of the project**

**Economic feasibility study of the Project**

**Market potential survey/research**

**Report Compilation**



# Contact us

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