Copper Powder By Electrolytic Process

- **Capacity:** Copper Powder : 15,000 MT/Annum
- **Plant and machinery cost:** 307.00 Lakh
- **Working Capital:** 0.00 Lakh
- **Rate of return (ROR):** 31.00 %
- **Break Even Point (BEP):** 46.00 %
- **TCI:** 3050.00 Lakh
- **Cost of Project:** 3050.00 Lakh
Copper makes vital contributions to sustaining and improving society. Copper's chemical, physical and aesthetic properties make it a material of choice in a wide range of domestic, industrial and high technology applications. The electrolytic method is probably the most economical method for producing copper powder; moreover the copper powder obtained from this method is the highest quality. Copper powders have been used in industrial applications for many years. Probably the best known is the self-lubricating bearing which was the first major application and still accounts for about 70% of the copper powder used. Pure copper powder is used in the electrical and the electronics industries because of its excellent electrical and thermal conductivities. Copper in powder form is used in structural parts and friction materials.

The electrical industry claims a share of about 26%. The electronics and communications take another 30% share. With building construction (9%) and transportation (8%) added, the cumulative rises to about three-fourths. The other consuming sectors are engineering process and general (9%) and consumer durables (6%). Defence is also a substantial user. Another important consumer is handicrafts which is reported to consume close to 12% of copper in India.

The pioneer of copper production in India, the PSU, Hindustan Copper has charted a programme to undertake capacity expansion of 8 mines from 3.2 mtonne annually to 12.4 mtonne by end 2016-17. The projects involve an investment of USD 735 mn. Thus, as an entrepreneur this project offers an exciting opportunity to you.

Few Indian Major Players are as under

- Bimetal Bearings Ltd.
- G S Organics Ltd.
- Gleitlager (India) Ltd.
- Mepco Industries Ltd.

NIIR Project Consultancy Services (NPCS) is a reliable name in the industrial world for offering integrated technical consultancy services. Its various services are:
- Pre-feasibility study, New Project Identification, Project Feasibility and Market Study, Identification of Profitable Industrial Project Opportunities, Preparation of Project Profiles and Pre-Investment and Pre-Feasibility Studies, Market Surveys and Studies, Preparation of Techno-Economic Feasibility Reports, Identification and Selection of Plant and Machinry, Manufacturing Process and or Equipment required, General Guidance, Technical and Commercial Counseling for setting up new industrial projects and industry. NPCS also publishes various technology books, directory, databases, detailed project reports, market survey reports on various industries and profit making business. Besides being used by manufacturers, industrialists and entrepreneurs, our publications are also used by Indian and overseas professionals including project engineers, information services bureau, consultants and consultancy firms as one of the input in their research.

NIIR PROJECT CONSULTANCY SERVICES
106-E, Kamla Nagar, New Delhi-110007, India.
Tel: 91-11-23843955, 23845654, 23845886, +918800733955
Mobile: +91-9811043595
Email: npcs.ei@gmail.com, info@entrepreneurindia.co
Website: www.entrepreneurIndia.co