
Research of manufacturing processes and supplier selection

Your challenge

Are you looking for alternative ways to manufacture your components? You would like to get acquainted with the potentials of alternative manufacturing processes or you would like to know more about the providers of other manufacturing processes? Choosing a vendor is too time-consuming for you? Are you wondering whether other manufacturing processes are cheaper than the technology you are currently using? Then we would be happy to support you in researching, evaluating and selecting manufacturing processes and vendors.

Your benefits

- Identification and documentation of the advantages and disadvantages of alternative manufacturing processes
- Knowledge of the current international state of research and technology as well as potential suppliers and prices
- Simple implementation of technical and economic potential of alternative production processes, for example in terms of quality improvement or cost reduction

Our service

- Goal definition and specification of requirements with respect to a sample component, e.g. in terms of cost or quality characteristics
- Analysis of the existing manufacturing process and the definition of the criteria to be considered (e.g. process times, component properties)
- Detailed research and documentation of alternative production methods and technologies
- Identifying and approaching potential suppliers (including price inquiry, for example component and presentation by provider)
- Evaluation and selection of appropriate manufacturing processes and suppliers based on defined criteria and price information (e.g. by means of cost-benefit analysis)



Our commitment to quality

- Systematic approach coordinated with your input
- Intensive and reliable research, such as research reports, industry publications, conference proceedings, print media and the Internet (national and international)
- Methodical and transparent assessment and decision-making in the selection process
- Comprehensive documentation for the cost-efficient introduction of production alternatives

Your contact person

We would be happy to make you a customized quote. Just contact us!

Dr.-Ing. Jan Langner

+49 (511) 27976-334

langner@iph-hannover.de

www.iph-hannover.de

For further information about our services in manufacturing processes, please visit:

www.iph-hannover.de/en/services/manufacturing-processes