

DST- CSIR Nanomaterials Industrial Development Facility (NIDF)

Call to industry, SMME's and researchers in academia and science councils who need to scale up chemical processes that require an autoclave, process tanks and particle drying systems.

The DST-CSIR NIDF is inviting applications for industry led projects that require the use of the scale-up facility in order to accelerate the development and commercialisation of chemical and nano-based technologies. Officially launched in December 2015 by the Honourable Minister of Science and Technology, Ms Naledi Pandor, the DST-CSIR NIDF was set up to bridge the gap between bench scale developments and industry. The scale-up facility which was established within the DST-CSIR National Centre for Nano structured Materials of CSIR will support projects by offering:

- Flexible and multi-purpose scale up plant equipped with autoclave reactors, filter press, wet mill, process tanks, rotary dryer, bag house etc.
- Access to skilled workforce with the right technological expertise (scientists and engineers trained and experienced in process development and scale up).
- Technical support (well-equipped workshop)
- State of the art equipment to characterise products during scale up for rapid process optimisation and quality assurance analysis

We invite applications from industry, entrepreneurs and public institutions, and the following aspects need to be addressed in the proposal:

- The goal of the project
- Clear understanding of the market need being addressed, industry dynamics and description of the competitive environment
- Technology description including key features and competitive advantage
- Cost benefit analysis (budgets, resource requirements, capital budgeting analysis)
- Project time frame

It should be noted that successful applicants will not receive any funding through this process. Furthermore, resources allocated to projects will be agreed during the selection process.

APPLICATION DUE DATE: 18 NOVEMBER 2016

A fully completed and signed proposal must be submitted to the NIDF (nidf@csir.co.za) not later than 18 November 2016. Please limit proposal length to not more than 5 pages. All submissions will be treated as strictly confidential.

Please direct all queries to:

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