

Summary of Linkage Infrastructure, Equipment and Facilities Proposals

Western Australia

Curtin University of Technology

LE0775553 Prof A van Riessen; Prof GM Parkinson; Dr M Saunders; A/Prof I Low; Dr SM Reddy; Prof KV Wright; Dr S Hinckley; Dr I Howard; Dr RD Hart; Dr IJ Davies; Dr WR Richmond; Dr H Yang; Dr CA Musca; Dr G Parish; Prof B O'Connor; Prof RN Martins; Prof PJ Jennings; Dr A Mulders; Prof R Newton

Approved Project Title **The Nanoscale Characterisation Centre WA Focussed Ion Beam Nanofabrication and Milling Facility**

2007 : \$ 500,000

Primary RFCD 2402 THEORETICAL AND CONDENSED MATTER PHYSICS

Partner Organisations & Collaborating Organisations

The University of Western Australia

Edith Cowan University

Murdoch University

Administering Organisation Curtin University of Technology

Project Summary

The advanced capabilities of the proposed nano-machining scanning electron microscope will facilitate research at the forefront of materials science and engineering. The proposed facility will play a key role in leading applied research across a wide range of areas including materials technology, nanochemistry, corrosion research, geology, sensor development, minerals processing and environmental research. The proposed facility to be used by scientific and industrial researchers will deliver applied interdisciplinary research of an international standard and allow Australian industries to remain internationally competitive.