

| Priority order | School/Area | Description (include as much detail as possible) | Equipment Costs £'000 | Enabling Works (if applicable) £'000 | Total £'000 | Narrative to Support Request (enough detail to enable CPSC to make an informed decision) |
|----------------|-------------|---|-----------------------|--------------------------------------|-------------|--|
| | CHEMISTRY | | | | | |
| Low | D Kell | An Imaging Cytometer for automated measurements of cellular morphology | £48,000 | | £48,000 | |
| MEDIUM | G Morris | Liquid helium recycling for the Chemistry building | £310,000 | | £310,000 | |
| LOW | C Murnyn | XRD Teaching | £78,000 | | £78,000 | |
| LOW | M Turner | MacroCharac | £269,000 | | £269,000 | |
| LOW | P Wilde | XYZ ProTURN SLX 1630 Straight Bed CNC/Manual Vari Speed Lathe | £29,926 | | £29,926 | |
| MEDIUM | B Gore | Upgrade 400MHz NMR in MIB | £125,000 | | £125,000 | |
| LOW | R Layfield | Integrated glove box / spectrometer suite | £300,000 | | £300,000 | Not sure who is supporting this now. |
| MEDIUM | N Lockyer | High-definition ion-mobility mass spectrometer | £399,000 | | £399,000 | Doesn't this exist in Michael Barber Centre? |
| | A Fielding | Arbitrary Waveform Generator for EPR Spectroscopy | £80,936 | | £80,936 | In EPR renewal bid |
| Low | A Fielding | UVDM Opolette 355 OPO laser system for EPR | £70,000 | £8,000 | £78,000 | In EPR renewal bid |
| Low | A Fielding | Freeze-quench apparatus for EPR | £30,000 | | £30,000 | |
| Medium | L Natrajan | Low temperature cryostat | £35,000 | | £35,000 | |
| LOW | L Natrajan | Mass Spectrometry Equipment for Analysis of Radioactive and Air Sensitive samples | £39,302 | | £39,302 | |
| HIGH | C Pearce | Zetasizer Nano ZS system | £37,240 | | £37,240 | |
| | F Livens | Low Level Radiometrics' Bundle | £521,178 | | £521,178 | Didn't we fund this in EPSRC Bid? |
| High | P Barran | Electrochemical reduction flow-through cell (ROXY EC) (Antec) | £20,000 | | £20,000 | |
| MEDIUM | D Kell | LabCyte Echo 520 | £159,000 | | £159,000 | |
| MEDIUM | D Kell | qPCR machine | £20,000 | | £20,000 | |
| Medium | P Barran | UV laser system | £29,000 | £1,500 | £30,500 | |
| HIGH | R Adams | Three NMR autosamplers and a console upgrade | £90,000 | | £90,000 | |
| HIGHEST | C Murnyn | D8 VENTURE X-Ray Diffraction Data Collection System | £745,000 | | £745,000 | higher profile groups. Required by one prospective Director of CRR |
| LOW | C Murnyn | Quantum Design Physical Property Measurement System (PPMS) | £634,000 | | £634,000 | inc vat |
| MEDIUM | C Murnyn | Led replacement bulbs for photochemistry apparatus | £18,300 | | £18,300 | |
| MEDIUM | M Turner | Replacement of OMIC inert atmosphere device | £220,000 | | £220,000 | |
| High | M Turner | Upgrade and new facilities for OMIC (labsphere, owlstone gas generation system etc) | £75,000 | | £75,000 | |
| High | R Winpenny | Magnetic property measurement system (MPMS) | £521,266 | | £521,266 | Update to SQUID susceptometer to support molecular magnetism and activity and EPR Facility. Requested by prospective directors of CRR. Possibly funded by EPSRC through EPR Facility renewal |
| MEDIUM | A Baidak | mass spec gas analyzer | £20,590 | | £20,590 | |