

## Details

RFx ID : 25729683  
Tender Name : RFP C22-015 Dynamic Shear Rheometer (DSR)  
Reference # : C22-015  
Open Date : Wednesday, 27 April 2022 1:00 PM (Pacific/Auckland UTC+12:00)  
Close Date : Wednesday, 25 May 2022 1:00 PM (Pacific/Auckland UTC+12:00)  
Department/Business Unit : Strategic Procurement  
Tender Type : Request for Proposals (RFP)  
Tender Coverage : Sole Agency [?]  
Categories :  
- 41000000 - Laboratory and Measuring and Observing and Testing Equipment  
- 42000000 - Medical Equipment and Accessories and Supplies  
Regions: - Auckland  
Exemption Reason : None  
Required Pre-qualifications : None  
Contact : Harry Tettersoo  
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Alternate Physical Delivery Address :  
Alternate Physical Fax Number :

### Overview

The University requires:

An oscillatory rheometer operating in cone-and-plate and parallel plate modes to characterise the complex flow properties of fluids. The proposed instrument should be modular, such that additional capabilities can easily be added (e.g. DMA). The instrument should be capable of testing to high temperatures, allowing measurements from -160 to 600 °C. The particular instrument should allow measurement over a broad range of viscosities, allowing measurements of thermoset resin curing, chemical modification of thermoplastics as well monitoring thermal degradation of polymers as well as bituminous binders.

Closing Date / Time for submissions is Wednesday 25th May 2022 @ 1300 hrs.