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26/03/2018

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## UTS Graduate School of Health - Acoustic Design Requirements

This letter confirms that an acoustic review of the proposed UTS Graduate School of Health project has been undertaken, specifically the required SEARS component 14 "Noise and Vibration Impacts" which includes the following:

*The EIS shall include a noise and vibration assessment prepared by a suitable acoustic consultant which shall;*

- *Assess the noise and vibration impacts of the UTS Graduate School use on the hotel rooms, residential apartments and retail uses within the building,*
- *Assess the noise and vibration impacts on the surrounding gland uses and public domain,*
- *Provide details of acoustic wall, floor and ceiling finishes for the UTS Graduate School.*

As part of the acoustic design assessment and recommendations all elements of the SEARS requirements above will be assessed and the suitable acoustic treatments and controls recommend such that the following is achieved:

1. All noise generated from the use of the UTS Graduate School, including services and operations, will comply with the relevant noise level criteria as detailed within the NSW Environmental Protection Authorities Noise Policy for Industry requirements. The main source of noise from the project will include the operation of the mechanical services proposed for the project. Details of all required acoustic treatments and controls, including duct linings, silencers, acoustic screen and the like will be provided as part of the normal design process of the project once plant and equipment selections are finalised.

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2. A detailed assessment of the projects layouts and operations will be conducted and acoustic treatments recommended such that the impact of noise and vibration on the surrounding areas (including the public domain) will comply with the relevant EPA and Australian Standards. Where required recommended treatments will be specified to the base building such that the proposed operations of the UTS Graduate School will not negatively impact on the surrounding receivers. Details of all required acoustic treatments and controls including building constructions and acoustic elements will be provided as part of the normal design process of the project once internal layouts and the like are finalised.
3. The acoustic design of the UTS Graduate School will include the acoustic nomination of minimum internal design requirements for partitions and room characteristics. A detailed report will be undertaken to specify the required acoustic design and construction of the walls, ceilings, floors and finishes such that the relevant requirements of the Australian Standards are achieved. Details of all required acoustic treatments and controls including building constructions and acoustic elements will be provided as part of the normal design process of the project once internal layouts and the like are finalised.

We trust this information is satisfactory. Please contact us should you have any further queries.

Yours faithfully,

A handwritten signature in dark ink, appearing to read 'B.G. White'.

Acoustic Logic Consultancy Pty Ltd  
Ben White