



A.B.N. 72 052 049 484

# TYSCI TECHNOLOGIES P/L

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Roger Mulvay  
Chief Executive Officer.  
Hawke's Bay Cultural Trust.  
Ruawharo Ta-u-Rangi.  
Napier.  
New Zealand.

Dated 25<sup>th</sup> August 2005.

Dear Sir

We have been contacted by David Rogers of allshookup.org to give an assessment of the earthquake simulator.

This machine was installed at what was the Earth Exchange in Sydney some years ago. Our involvement with this machine was to re-build it in the early 1990's in order to make it work.

We employed a hydraulic system to give the required acceleration in the horizontal axis and vertical axis.

As the machine was installed two floors up it was never really successful due to the fact the supporting frame moved and the simulator stood still. Eventually the Earth Exchange proved to be not commercially viable and the whole display area was discarded.

Since David Rogers took over the simulator he has modified the machine to make it more useable and reliable.

Our involvement has been technical support to David in his attempts to find an application for this simulator.

We also have the regular maintenance contract with Questacon in Canberra for the servicing and providing upgrades to their earthquake simulator. This has been ongoing since we built it with Civil and Civic in the 1980's.

From our point of view the concept of the David Rogers simulator is good in so much that it has horizontal and vertical motion systems. The structure is sound and well made with a powerful hydraulic system to provide the motion.

Maintenance of this machine would be easy only requiring annual servicing; running costs should be minimal depending on how it is going to be set up.

From the concept photographs David has provided the use of this simulator would be a good asset to your operation and should attract the public.

If we can be of any assistance to you in this venture we would be pleased to help.

Yours Faithfully

David Green  
Director

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