



## **Review of Essential Skills in Demand Lists Expressions of Interest form**

**Please note that a new method for reviewing the Essential Skills in Demand Lists is being piloted in this review period.**

**The pilot includes an Expression of Interest process. All Expressions of Interest must be submitted on the attached form.**

### **Key dates**

4 July 2011: Expressions of Interest invited  
5 pm, 15 July 2011: Expressions of Interest close

### **Enquiries and submissions**

All enquiries and Expressions of Interest should be directed to:

Email: [shortagesreview@dol.govt.nz](mailto:shortagesreview@dol.govt.nz)

Mobile: 027 232 3801 (Peter Leniston)

## Expression of Interest form

**Please complete this form if you would like to propose an amendment to either the Immediate Skill Shortage List or the Long Term Skill Shortage List.**

**The proposal may refer to the addition or removal of an occupation from one of the lists, or a transfer of an occupation from one list to the other.**

**You must complete a separate Expression of Interest form for each occupation you would like to have considered.**

**Please answer all questions,** incomplete submissions will not be processed.

Note the boxes will auto-extend to accommodate your responses or, if you are providing a hard copy, attach additional pages.

### **Disclosure**

Please note that if this Expression of Interest is successful, the information provided will be made available to interested parties on request. This is to promote maximum transparency and to encourage the exchange of information between all stakeholders who contribute to the review process. If the Expression of Interest, or some of its content, is provided to others for the purposes of information sharing and/or consultation, personal contact details will be treated as confidential.

Information held by the Department, including the information provided in this form, is official information under the Official Information Act 1982. Accordingly, if a request is made for information under that Act, the Department may be required to release this information.

Occupational statistics collected during the course of the review may be used by the Department for other research purposes, but individual employers will not be identified.

### **All enquiries and Expressions of Interest should be directed to:**

Email: [shortagesreview@dol.govt.nz](mailto:shortagesreview@dol.govt.nz)

Mobile: 027 232 3801 (Peter Leniston)

## 1. Contact information

1a) Who should the Department contact if more detail is required?

*Include name, job title, organisation, phone, email and postal addresses.*

M. Oonman

Chief Executive Officer, Lunar Explorations Ltd

PO Box 654321, Auckland

M.Oonman@LunarExplorations.co.nz

Phone: 09 111 0001

## 2. Disclosure

2a) Please confirm that you have read and agree to the terms of the disclosure statement, below.

### **Disclosure statement:**

- a) The information contained in this Expression of Interest, or some of its content, may be provided to others for the purpose of information sharing and/or consultation. If this is the case, personal contact details (individual names, telephone numbers and email addresses) will be treated as confidential.
- b) The information provided in this form is official information under the Official Information Act 1982 and, accordingly, the Department of Labour may be required to release this information if a request is made under that Act.
- c) Occupational statistics collected during the course of the review may be used by the Department of Labour for other research purposes, but individual employers will not be identified.

**I have read and agree to the terms of this disclosure statement.**

Name: M. Oonman

### 3. Criteria for Expressions of Interest

Expressions of Interest must meet three criteria in order to be considered by the Department of Labour:

- 1) the occupation must have an ANZSCO skill level classification of level 3 or above and a specific, recognised qualification requirement **and**
- 2) the occupation must not have been reviewed by the Department within the last review period<sup>1</sup> (or, if it has, the submitter must demonstrate a **significant change** in labour market conditions that warrants a further review), **and**
- 3) the Expression of Interest must have the support of at least one industry body or professional association.

(Where the submitter is **not** preparing the Expression of Interest on behalf of an industry body or professional association, a letter of support from an appropriate industry or professional body must be attached to this form).

#### Skills and qualifications

3a) State the occupation and ANZSCO code at the 6 digit level.

*Ensure that the occupation is specific and appears on the Australian and New Zealand Standard Classification of Occupations (ANZSCO). If you cannot find a code for your occupation please contact Statistics New Zealand. The link to the ANZSCO is [www.immigration.govt.nz/anzsco](http://www.immigration.govt.nz/anzsco)*

233999 Engineering Professionals – Lunar Hydroponics Engineer

3b) What are the recognised New Zealand qualification and work experience requirements for the occupation in shortage? (i.e. what qualifications and experience are required to work in the occupation in New Zealand? Please note registration requirements, if applicable).

*e.g. National Diploma in Engineering (Level 6) and at least three years work experience*

Masters degree in Lunar Hydroponics AND 12 months experience in space programme

#### ESID review history

3c) Is the occupation currently on the ISSL or LTSSL? (The current lists can be accessed at [www.immigration.govt.nz](http://www.immigration.govt.nz)).

- ISSL
- LTSSL
- Neither

<sup>1</sup> A list of occupations reviewed in the last review period is attached to this form.

3d) Has the occupation been reviewed by the Department of Labour in the last review period?

*Refer to list of occupations reviewed in the last review period – attached at back of this form.*

Yes

No. Go to 3f

3e) Please describe why you consider that a review is necessary at this time.

*Ensure that your explanation clearly states how the current labour market conditions for the occupation differ from those at the last point of review (e.g. change in demand for labour as a result of a particular strategy or project). Why is the change significant?*

**Note:** *Expressions of Interest will not be considered where there is no discernable change in labour market conditions for an occupation specified, or where explanations are generic, rather than specific.*

### **Industry support**

3f) Which industry body or professional association(s) supports this Expression of Interest?

*Industry bodies and professional associations include employer's group, trade unions and industry training groups.*

New Zealand Space Programme

New Zealand Lunar Occupations Association

*Include a letter of support if the submitter is NOT representing an industry body or a professional association.*

Letters of support from the above organisations are included

3g) Who are the key stakeholders in this industry?

*For example, government agencies, training organisations, unions, industry bodies, registration bodies and employer groups. Please provide names of contact people.*

New Zealand Space Programme (Contact: A Mann - a.mann@nzsp.govt.nz)

University of Paeroa (Contact: Bill Green - b.green@paeroa.ac.nz)

Union of Space Engineers (Contact: Sam White - sam.white@use.co.nz)

New Zealand Lunar Occupations Association (Contact: Tim Black –

tim@nzloa.co.nz)

Hydroponics Engineers (NZ Charter) (Contact: George Grey –  
geogray@hydroponics.net.nz)

Space Explorers Trade Union (Contact: Brian Blue – bblue@setu.co.nz)

EXAMPLE

#### 4. Case for review

Submitters are required to make a case for an occupation to be reviewed.

You **must provide evidence** in support of the proposed change in ESID status, and/or a clear **commitment to obtain the necessary standard of evidence** within the submissions timeframe (by 19 August 2011).

Please outline why you think the occupation should be reviewed. List the **key points** and provide any evidence that you have (additional material may be attached).

If the Expression of Interest is successful, you will be required to provide additional information to support your case and/or to respond to the PIER prepared by the Department, through the submission process.

#### Proposal

4a) For the occupation, do you want to:

- Add to a list (please state ISSL or LTSSL) LTSSL
- Remove from a list
- Change lists (e.g. move from the ISSL to the LTSSL)

**Note:** *It is not normally necessary to make a submission to add an occupation to the ISSL if it is already on the LTSSL. If an applicant produces an offer of employment in an occupation that is included on the current LTSSL, immigration officers will accept that no suitably qualified New Zealand citizens are available, as if the occupation is on the ISSL.*

4b) Does your proposal relate to the whole of New Zealand or only some regions?  
(ISSL only)

*Please tick all that apply.*

- Certain regions only:**
- Auckland/Upper North Island
- Waikato/Bay of Plenty
- Central North Island (including Taranaki and Manawatu)
- Wellington
- Canterbury/Upper South Island (including Westland)
- Otago and Southland
- All of New Zealand**

4c) Give reasons for your proposed change to the ESID lists:

*Describe the nature of the issue – list the key points.*

**Why** is there a shortage or no longer a shortage?

Lunar Explorations Ltd is one of New Zealand's premier lunar research companies. One of the key research areas is lunar hydroponics (ie the growing of plants on the moon). This area has the potential to become a multi-billion industry. However, we have been unable to expand our research programme due to a lack of lunar hydroponic engineers.

In the next five-ten years, we will require a minimum of 100 engineers to fill vacant and new positions. We are also aware that other key organisations (such as the New Zealand Space Programme) require lunar hydroponic engineers. Initial enquiries suggest that at least 100 engineers will be required by other organisations.

There is a long-term, ongoing shortage of lunar hydroponic engineers both in New Zealand and globally. Lunar hydroponics is a specialised area and it takes a minimum of five years to complete a Masters degree in Lunar Hydroponics. There are only a limited number of positions available in the lunar hydroponics programme at the University of Paeroa and in universities overseas. At any time, there are only a small number of graduates and most travel to work at the larger space programmes overseas. If we are able to expand our research programme, then this will make it more attractive to New Zealand graduates.

This shortage has impacted on the growth of this increasingly important industry, and so we request that Lunar Hydroponics Engineer be added to the LTSSL.

4d) Do you have evidence that supports your case?

Yes – please detail below

No – go to 4e

*Evidence is required to demonstrate that the issues outlined (above) can be substantiated. Evidence may be gathered in a range of ways, for example through industry surveys, feedback collated from industry bodies or employers, and any data collated from administrative records. In each case it will be important to demonstrate that the 'issue' has some breadth i.e. that it relates to an occupation as a whole, rather than to one or two employers, or a small group.*

*The Expression of Interest is unlikely to succeed where there is no evidence supporting a request for review.*

Please find attached:

1. A job-skill shortages report commissioned by Lunar Explorations Ltd
2. A survey undertaken with key lunar organisations and associations in New Zealand
3. Conference proceeding from Space Explorations Global Conference 2010.



4e) Are you aware of, or will you be able to collate, evidence within the timeframe for submissions (by 19 August 2011)?

Yes – please detail below

No

*Provide full details of the proposed process, the timeframes for collecting evidence and the nature of the information being sought. Occupations will not be reviewed unless the Department is assured that there will be a reasonable evidence base to support the review process.*

EXAMPLE

### **Next steps**

The Department of Labour will assess all Expressions of Interest received within the set timeframe. Results of the assessment process will be communicated to the key contact person by 22 July 2011.

Where an Expression of Interest does not meet the required standard, the Department will write to the contact person explaining the reasons for the decision.

Where an occupation has been accepted for review, the Department will advise the contact person of the outcomes and prepare a Preliminary Indicator Evidence Report (PIER), which will be published on its website by 1 August 2011.

The formal submission process will begin on 1 August 2011. You will be required to make a full submission in support of the case that you have put forward and/or in response to the PIER report.

**The Department of Labour would like to thank you for contributing to this review.**

**Please save the completed form, attach it to an email with any documents and send it to: [shortagesreview@dol.govt.nz](mailto:shortagesreview@dol.govt.nz).**