

<b>AGENDA ITEM NO:</b>	<b>SUBJECT MATTER: REVIEW OF THE RESPONSE TO THE HURUNUI/KAIKOURA EARTHQUAKE</b>
<b>REPORT TO:</b> Canterbury CDEM Group Joint Committee	<b>DATE OF MEETING:</b> 26 MAY 2017
<b>REPORT BY:</b> Bill Bayfield, Chair Coordinating Executive Group	<b>ENDORSED BY:</b> Lianne Dalziel, Chair Joint Committee

## **PURPOSE**

To receive a report on the Review of the Response to the Hurunui/Kaikōura Earthquake.

## **ATTACHMENT**

Review of Response to Hurunui/Kaikōura Earthquake

## **BACKGROUND**

The Canterbury Civil Defence Emergency Management Group Joint Committee resolved at its meeting of 24 February 2017:

“That the CDEM Group Joint Committee authorise a panel consisting of the Joint Committee Chair, the Mayors and Chief Executives of Hurunui and Kaikōura Districts, with the Coordinating Executive Group Chair to develop a Terms of Reference and then commission a review of the response to the Hurunui/Kaikōura Earthquake, taking into account the intended Ministry of Civil Defence Emergency Management review, and other reviews”.

## **REPORT**

The panel has developed a Terms of Reference and a Request for Proposal (RFP) for the Review (attached). The panel has also considered organisations that might be approached to conduct the review.

An update report will be provided by Bill Bayfield, Chair Co-ordinating Executive Group, a member of the panel.

## **RECOMMENDATION**

That the report on the Review of the Response to the Hurunui/Kaikōura Earthquake be received.



## **Review of Response to Hurunui/Kaikōura Earthquake**

### **1. Introduction/background.**

On 14<sup>th</sup> November 2016 North Canterbury experienced a 7.8 magnitude earthquake causing significant damage and land movement from the origin near Waiau to as far north as Wellington.

Within the Canterbury region the impact was most severely felt within the Hurunui and Kaikōura districts, serviced by the local government authorities, Hurunui District Council and Kaikōura District Council.

States of emergency were declared on Monday 14<sup>th</sup> November in Kaikōura and Hurunui districts, and were followed by a Canterbury wide declaration on the Tuesday. Many other agencies and services including NZ Police, NZ Fire Service, St John, Canterbury District Health Board, Community and Public Health, NZ Defence Force, NZ Transport Agency, lifeline utilities, businesses, and non-governmental organisations were mobilised to support the response.

### **2. The event.**

This event contained some contrasting issues when compared to the most recent earthquakes in the Canterbury region (2010-11).

- Small, disbursed, and remote, townships and rural properties dominated the affected area (versus a large city such as Christchurch). A number of small communities were isolated as a result.
- The isolation of Kaikōura with damage to all three access roads – SH1 North, SH1 South and the Inland road (route 70), caused significant distribution issues for fuel and fast moving consumer goods (FMCG).
- Distribution networks were heavily impacted by extensive damage to road and rail networks, and disrupted the Picton-Christchurch freight links (road and rail). This caused significant detours through the Lewis Pass, increasing travel times, risk, and accidents.
- Large number of tourists isolated necessitating a large evacuation process by sea and air.
- Being a rurally based event meant many farms, often in remote and now inaccessible sites, required support. This was compounded by a lack of mobile communications in these remote areas.
- Land slips and the formation of landslip dams in the local rivers added to the risk to the population and key infrastructure assets such as State Highway bridges.
- The affected area was within the catchments of two small district councils (Hurunui and Kaikōura), severely stretching their local resources and requiring extensive support from other local government bodies and central government.

### 3. The review

It is considered best practice to use each event as an opportunity to look for areas of improvement, and identify those aspects that did work well. Any learnings that can be identified will be of value nationally, and will likely have significant contributions to preparing for the Alpine Fault earthquake.

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### 4. The Request for Proposal (RFP)

In submitting a RFP submitters need to respond to the following requirements:

a. Scope of the review.

The review of the response must encompass the factors as identified below;

- Legislative
  1. Declaration of state of emergency by Kaikōura District Council, Hurunui District Council and Canterbury CDEM Group.
  2. Emergency powers utilised
  3. The Transition Notice to recovery under the Civil Defence Emergency Management Amendment Act 2016
  4. The impact of the powers conferred by the CDEM Act upon other legislation or rule of law during a state of emergency
- Canterbury CDEM Group Response
  5. Management of response by the two local authorities - Hurunui and Kaikōura District Councils' Emergency Operations Centres (EOCs)
  6. Coordination of the response by the Regional Emergency Coordination Centre (ECC)
  7. Support from the National Crisis Management Centre (NCCMC) – information and reporting, support including national sourcing of personnel
  8. Role of other supporting agencies and services, including; emergency services, welfare agencies, rural sector agencies (e.g. Team Ag), medical and health services, Ngāi Tahu, Lifelines utilities and NZ Defence Force
  9. The benefits and disadvantages of the Canterbury CDEM Group's operating structure and arrangements during response
- Key issues
  10. Tsunami warning and evacuation
  11. Evacuation of tourists and those wishing to leave the affected area

- 12. Road access, including management of the emergency restoration of the inland road (Route 70) through to the handover of management of the road to the NZ Transport Agency
- 13. Landslips and landslide dams
- Management of logistics
  - 14. Air movements – including helicopters and fixed-wing aircraft
  - 15. Distribution of supplies
  - 16. Personnel support for Hurunui and Kaikōura District Councils' EOCs
- Information and Communication
  - 17. Information management within centres, and between agencies
  - 18. Communication with the public and affected communities
- Role of science, geotechnical, and river engineering teams and advisors
- Identify improvements and changes to planning arrangements and structures

## **5. Proposed Methodology**

- a. A draft of the Report is to be provided before the Final Report is submitted.
- b. Timeframe:
  - i. Invitation to submit proposal: 1 June 2017
  - ii. Deadline for submission of proposals: 14 June 2017
  - iii. Proposal evaluation and award: 28 June 2017
  - iv. Review to commence: 28 June 2017
  - v. Reporting back: Date to be agreed
- c. Person specification
  - i. At least one review team member has good knowledge of local government and civil defence emergency management (CDEM) legislation/arrangements in New Zealand
  - ii. Ideally experienced in undertaking complex, multi-agency reviews
- d. The proposal should also include the following information:
  - i. Company name and names, and qualifications and other relevant information of staff who will be involved
  - ii. A detailed fee proposal, including expenses
- e. Submission of Proposals
 

Proposals should be submitted electronically in PDF format emailed to John Boraston, Environment Canterbury, PO Box 345, Christchurch 8140 to arrive no later than 5pm on 14 June 2017.
- f. Further information.

For further information contact John Boraston. Response to questions will be provided to all prospective suppliers, unless John Boraston considers them to be of a private or confidential nature.