




CDEM Resilience Fund project application form

Application for CDEM Resilience Collaborative fund approval	
Project title	Southland Radio Network upgrade
Date of application	21 February 2011
Details on application	
Lead local authority	Environment Southland
CDEM Group	Southland
Other local authorities or Groups supporting the proposal	Jointly supported by three other territorial authorities in Southland via Emergency Management Southland joint structure.
Project description	
<p>Executive summary <i>[200 words maximum description.]</i></p> <p>Until 2010 Three local Authorities in Southland each maintained a Civil Defence VHF radio network capacity. With the amalgamation of CDEM into to one entity across the whole region Emergency Management Southland has taken over maintenance and responsibility for these networks.</p> <p>Radio Spectrum has advised that the current frequencies the networks operate under will cease from Nov 2015.</p> <p>Taking these matters in to account and because of the need to maintain an alternative means of communication it is proposed that an upgrade be undertaken to the CDEM radio network. Funding from the Resilience fund would be used towards the upgrade and the ongoing cost which be met by the CDEM Group via Emergency Managements Southlands operational budget</p>	
<p>Problem/opportunity <i>[200 words maximum description.]</i></p> <p>Currently CDEM in Southland has a relatively low cost VHF radio network in place, an upgrade is required to meet the need to move on to the Emergency Services (ES) band at the same time future proofing equipment to a possible move on to the Digital network in approximately 10 years time.</p> <p>The radio upgrade will make us more compatible with the majority of Emergency Management organisations and increases the capability of sharing equipment and networks.</p>	
<p>Alignment with identified goals and objectives <i>[200 words maximum description.]</i></p> <p>We have identified in our 5 year CDEM Group plan the need to maintain a robust alternative communication network.</p> <p>In regard to readiness and response: We will be providing a robust and independent communications network. Network will be available and used by all four local authorities as an integrated system instead of previous system, where there were three separate networks.</p>	
<p>Dissemination of benefits to sector <i>[200 words maximum description.]</i></p> <p>Radio network able to be used in majority of populated region. Southland is the second biggest geographical region in New Zealand. The radio network will allow for volunteers to report back directly the Emergency Operations Centre based at Invercargill. Base set with the appropriate channels will be located at strategic positions within the region.</p>	

Project design		
Project manager	Craig Sinclair, Emergency Management Southland	
Other project members	Manager, Advanced Systems Integration. Manager, Emergency Management Southland.	
External providers/contractors	Advanced System Integration	
Deliverables		
Milestone	Date for completion	Cost
Refit of repeater sites at Bluff, Gore and Mokoreta.	October 2011	\$19,500
Replace radio set at EOC and in vehicles.	January 2012	\$4,600
Identified risks		
Risk	Suggested management	
Low risk project, possible issue with compatibility of technology, eg integration to P25 (digital network) which could occur in next 10 years.	Use of leading local contractor which has overseen fit out of recently built Southland Group EOC, where a number of radio problems were fixed using latest innovations.	
Funding request and use		
CDEM resilience fund contribution	\$9,800	
Local authority contribution	\$14,357	
Other sources of funding	Nil	
Expenditure <i>[Please supply details]</i>	\$24,157 quoted by Advanced Systems Integration for the Equipment and Install at the three sites plus the cost of vehicle installs and reprogramming of radios.	
Application confirmation		
Approval of Chief Executive		
CDEM Group comment		
Comment		
Approval of Coordinating Executive Group Chair	