



# THE FIJI INSTITUTION OF ENGINEERS

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FIJI

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Our Ref: AusAid.L01

05 April 2011

Australian High Commission  
P O Box 214  
SUVA

Attn: Ms Rebecca McClean/Mr Tukatara Tangi

Dear Madam/Sir

## **DISASTER RESPONSE IN FIJI – SUBMISSION FOR CONTINUING PROFESSIONAL DEVELOPMENT (CPD) FOR AS1170 WIND ENGINEERING CODE**

The Fiji Institution of Engineers (FIE) have signed an agreement valid for 6 months) commencing the 23 Dec 2010 with the Commonwealth of Australia which has recently been extended for one year (to 30 June 2012), AusAID which has the provision for training Engineers, Technologists, Technicians, Builders, Insurance Companies, Developers, Bankers, Disaster Risk Management and others directly or indirectly involved in the building and construction industries. This proposal seeks to utilise some of these funds for educating their members and the wider community on the benefits and implications of the revised wind code AS/NZ 1170.2:2011

The new wind code, AS1170.2:2011 is officially out and it strictly applies to the building industry and wider community in Fiji. Under the rules of the National Building Code of Fiji, we are all obliged to use this new Code from now on and FIE has decided to have a CPD (continuing professional development) workshop on this new wind code. The FIE in conjunction with AusAID hope to educate not only our members but members of the wider community with respect to the implications this new code will have and the advantages this will hold for the community as a whole.

### **1.0 Date**

The proposed date for this CPD is 3-4 June 2011.

### **2.0 Cost**

This include air fares, accommodation, food, fees for presenters, venue hire, Dinner, lunch, coffee etc and administration cost for 2 whole days training.

Budget Estimate AUD\$30,000.00

### **3.0 Venue**

Holiday Inn – Lali room, Suva

#### **4.0 CPD Impact of Disaster Preparedness and Content**

This CPD will be held for two days with four sessions in total. The opening address could be the Acting Governor of Reserve Bank of Fiji, Mr. Barrie Whiteside.

The new Wind Code will be discussed in general terms, but more specifically the workshop will cover how the changes:

1. Affect the requirements for the design of cyclone shutters.
2. New debris Impact Criteria for the building envelope of a building.
3. The design testing and specification of laminated glass.
4. Affect the level at which laminated glass is considered satisfactory without protection from cyclone shutters.
5. Can an engineer rely on a supplier's (not manufacturer) warranty/certificate?
6. Affect cyclone insurance for Fiji homeowners.
7. Affect defective or incompetent building and construction materials and who is liable and can an insurer refuse to pay for loss in such circumstances.
8. The workshop will also cover lessons Fiji engineers can learn from recent cyclones such Yasi and Larry.

#### **5.0 Foreign Technical Expertise**

To make this CPD successful FIE is engaging speakers from Australia and the names there speciality are as below:

John Holmes – Chairman of AS/NZS 1170.2:2011 Standards Australia Subcommittee.

Geoff Boughton – Chairman of Cyclone Yasi investigative team

Karl Jones – Willis & Faber, Insurance Brokers.

Tracy Gramlick – Glazing specialist, Australian Windows Association.

#### **6.0 Programme/Agenda**

The proposed programme is as follows;

Day 1 Session 1 - Banking and Insurance Sector

This presentation will tell the Banking and Insurance audience what the code means to them

Day 1 Session 2 - Architects, Developers, Builders and glass and aluminium suppliers.

Day 2 Session 3 - Engineers and Technologists

Day 2 session 4 - Engineers and Technologists

## **7.0 Number of participants**

The number of participants targeted for this CPD is 100 for each day and targeted audience as noted in the introduction. We are also considering charging participants but we would like to discuss this with you.

The Fiji Institution is very excited about the prospect of this CPD and we look forward to working together with AusAID on this important project.

Regards

Nathan Kirk  
Hon/Secretary Treasurer  
Fiji Institution of Engineers