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# DEED OF VARIATION

between the

**THE COMMONWEALTH OF AUSTRALIA**  
and  
**Australian Building Codes Board**  
and  
**Australian Bureau of Meteorology**  
and  
**Bushfire Cooperative Research Centre Limited**  
and  
**Country Fire Authority**  
and  
**Commonwealth Scientific and Industrial Research Organisation**  
and  
**Emergency Management Australia**  
and  
**Fire & Emergency Services Authority of Western Australian**  
and  
**University of Melbourne and Victorian Department of Sustainability and Environment**  
and  
**Metropolitan Fire & Emergency Services Board**  
and  
**NSW Fire Brigades**  
and  
**NSW National Parks and Wildlife**  
and  
**NSW Rural Fire Service**  
and  
**QLD Fire and Rescue**  
and  
**State Forests of NSW**  
and  
**Tasmanian Government**  
and  
**University of Tasmania**  
and  
**University of Western Australia**  
and  
**Victorian Dept of Sustainability and Environment**  
and  
**Western Australian Dept of Conservation & Land Management**

in relation to a research centre named

**The Bushfire Cooperative Research Centre**

established under

**THE COOPERATIVE RESEARCH CENTRES PROGRAMME**

**THIS DEED OF VARIATION** is made on the *30<sup>th</sup>* day of *May* 2005

BETWEEN

**THE COMMONWEALTH OF AUSTRALIA** ("Commonwealth"), represented for the purposes of this Deed by the Department of Education, Science and Training, [ABN 51 452 193 160];  
and

**Executive Director, Australian Building Codes Board as agent for the Participating Governments<sup>1</sup>, (ABC Board)** ABN 51 835 430 479 001, which has its principal office at Level 3, 33 Allara Street, Canberra, ACT, 2601

and

**Commonwealth of Australia**, ABN 92 375 33 532, represented by the **Australian Bureau of Meteorology (B. Met)**, which has its principal office at 700 Collins Street, MELBOURNE, VICTORIA, 3000

and

**Bushfire Cooperative Research Centre Limited (BCRC Ltd)**, ABN 71 103 943 755, which has its principal office at Level 5, 340 Albert Street, East Melbourne, Victoria, 3002

and

**Country Fire Authority (CFA)**, ABN 39 255 319 010, which has its principal office at 8 Lakeside Drive, BURWOOD EAST, VIC, 3151

and

**Commonwealth Scientific and Industrial Research Organisation (CSIRO)**, ABN 41 687 119 230, which has its principal office at Limestone Avenue, CAMPBELL, AUSTRALIAN CAPITAL TERRITORY, 2612, and acting for and on behalf of the Divisions of Manufacturing and Infrastructure Technology, Forestry & Forest Products and Sustainable Ecosystems

and

**Emergency Management Australia (EMA)**, ABN 92 661 124 436, which has its principal office at 219 Northbourne Ave, TURNER, ACT, 2612

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<sup>1</sup> The Australian Building Codes Board (ABCB) was established by an agreement dated 1 March 1994 ("the ABCB Agreement") between the Commonwealth of Australia, the States of New South Wales, Victoria, Queensland, South Australia, Western Australia and Tasmania, and the Australian Capital Territory and Northern Territory ("the Participating Governments"). The Executive Director, at the direction of the ABCB, co-ordinates, manages and implements the functions of the ABCB and enters into this Agreement as agent for Participating Governments.

and

**Fire & Emergency Services Authority of Western Australia (F&ESA)**, ABN 39 563 851 304, which has its principal office at FESA House, 480 Hay Street, PERTH, WA, 6000

and

**The University of Melbourne (Uni Melb)**, ABN 84 002 705 224, of PARKVILLE, VICTORIA 3010, a body politic and corporate pursuant to the provisions of the *Melbourne University Act 1958 (Vic)*; and **Victorian Department of Sustainability and Environment (Vic DS&E)**, ABN 90 719 052 204, which has its principal office at 8 Nicholson Street, EAST MELBOURNE, VICTORIA, 3002 through their unincorporated joint venture **Forest and Ecosystem Science Institute**, ABN 84 002 705 224, which has its principal office at Grattan Street, CARLTON, VICTORIA, 3053

and

**Metropolitan Fire & Emergency Services Board (MF&ES Board)**, ABN 28 598 558 561, which has its principal office at 456 Albert Street, EAST MELBOURNE, VIC

and

**NSW Fire Brigades (NSW FB)**, ABN 12 513 473 110, which has its principal office at 227 Elizabeth Street, SYDNEY, NSW, 2000

and

**NSW National Parks and Wildlife (NSW NP&W)**, ABN 30 841 387 271, which has its principal office at 43 Bridge Street, HURSTVILLE, NSW, 2220

and

**NSW Rural Fire Service (NSW RFS)**, ABN 25 003 129 221, which has its principal office at 15 Carter Street, Homebush Bay, 2127

and

**Queensland Fire and Rescue (Qld F&R)**, ABN 93 035 163 778, which has its principal office at Corner Park Road and Kedron Park Road, KEDRON, QLD, 4031

and

**State Forests of NSW (SF NSW)**, ABN 43 141 857 613, which has its principal office at Building 2/423 Pennant Hills Road, PENNANT HILLS, NSW, 2120

and

**Tasmanian Government (Dept of Premier and Cabinet Agency Policy and Projects Unit) (Tas P&C)**, ABN 58 612 621 159, which has its principal office at Level 8, 144 - 148 Macquarie Street, HOBART, TAS, 7000

and

**University of Tasmania**, ABN 30 764 374 782, a university established on *1st January 1890, by an Act of the Colony's Parliament*, which has its principal office at Churchill Avenue, Sandy Bay, HOBART, TAS, 7001

and

**University of Western Australia (UWA)**, ABN 27 882 817 280, a university established under the *University of Western Australia Act 1911 (WA)* which has its principal office at 35 Stirling Highway, CRAWLEY, WA, 6009

and

**Victorian Dept of Sustainability and Environment (Vic S&E)**, ABN 90 719 052 204, which has its principal office at 8 Nicholson Street, EAST MELBOURNE, VIC, 3002

and

**Western Australian Dept of Conservation & Land Management (WAC&LM)**, ABN 94 657 944 768, which has its principal office at Dick Perry Avenue, Western Precinct Technology Park, KENSINGTON, WA, 6151

in relation to a research centre named

The Bushfire Cooperative Research Centre.

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**RECITALS:**

- A. The Commonwealth and the Existing Researcher Parties entered into a Contract dated 16 December 2003 (the "**Commonwealth Agreement**") in relation to the Bushfire Cooperative Research Centre.
- B. The parties now wish to amend the Commonwealth Agreement to provide for:
  - a. the addition of new activities to Schedule 1;
  - b. the replacement of Schedule 2 "Funding Period" with a new "payment of funding" table to provide for additional funding by the Commonwealth under the Cooperative Research Centres Programme, of \$1,050,000 over 3 years as approved by the Minister for Science on 25 August 2004 and \$3,000,000 over 3 years as announced by the Prime Minister on 8 September 2004;
  - c. the replacement of Part A Tables 1, 2, 3 and 4 of Schedule 3 "Budget";
  - d. the replacement of Schedule 4 "Personnel";
  - e. the admission of a New Researcher Party, University of Tasmania;
  - f. the addition of Charles Darwin University and South Australian Department of Environment and Heritage as supporting participants.

**THIS DEED PROVIDES as follows:**

**1 INTERPRETATION**

1.1 In this deed, the following terms apply:

"**Effective Date**" means the date on which the parties execute this deed;

"**Existing Researcher Parties**" means ABC Board, B. Met, BCRC Ltd, CFA, CSIRO, EMA, F&ESA, Uni Melb, Vic DS&E, MF&ES Board, NSW FB, NSW NP&W, NSW RFS, Qld F&R, SF NSW, Tas P&C, UWA, Vic S&E, and WA C&LM; and

"**New Researcher Party**" means University of Tasmania.

1.2 In this deed, unless the contrary intention appears, capitalised terms used which are not defined under clause 1.1 of this deed have the same meaning as in the Commonwealth Agreement.

**2 VARIATION TO COMMONWEALTH AGREEMENT**

2.1 The Commonwealth Agreement is varied as follows:

2.1.1 The New Researcher Party is included as an additional party to the Commonwealth Agreement to be collectively identified as the "**Researcher**" together with the Existing Researcher Parties.

2.1.2 On and from the Effective Date, the New Researcher Party:

- (a) warrants that it is familiar with the terms of the Commonwealth Agreement and that it has full capacity to become a party to the Commonwealth Agreement and will not, as at the Effective Date, be in breach of any of its obligations arising under the Commonwealth Agreement; and
  - (b) unconditionally agrees to be bound by the provisions of the Commonwealth Agreement as a party collectively described as the Researcher under the Commonwealth Agreement, including, but not limited to, the express obligations on the Researcher to:
    - (i) carry out the Activities of the Centre;
    - (ii) provide Researcher Contributions;
    - (iii) ensure proper accounting standards and controls are exercised;
    - (iv) provide certain reports to the Commonwealth;
    - (v) maintain appropriate levels of insurance;
    - (vi) indemnify the Commonwealth from unlawful or negligent acts of the Researcher; and
    - (vii) provide access to certain premises and records.
- 2.1.3 Notwithstanding clause 2.1.2, the Existing Researcher Parties and the Commonwealth acknowledge that, prior to the Effective Date, the New Researcher Party was not a party to the Commonwealth Agreement and, as such, was not subject to any rights and/or liabilities that may have accrued in respect of the parties under that Commonwealth Agreement.
- 2.1.4 In Schedule 1 of the Commonwealth Agreement:
- (a) under the heading of 'Contributing Strengths of Participants', delete the heading and the paragraph relating to the University of Sydney;
  - (b) under the Program entitled "PROGRAM B: Management of Prescribed and Wild Fires in the Landscape", immediately after the table entitled "PROGRAM B STAFFING (Typical Year)" insert section A.1 of Attachment A of this deed;
  - (c) in the title of the Program entitled "PROGRAM: Education and Training", immediately after the word "PROGRAM", insert the letter "E"; and
  - (d) under the Program entitled "PROGRAM E: Education and Training", in the table entitled "PROGRAM STAFFING(Typical Year)", immediately after the word "PROGRAM", insert the letter "E";
  - (e) immediately after the table entitled PROGRAM E STAFFING (Typical Year), insert section A.2 of Attachment A of this deed; and

- (f) in the title of the Program entitled "PROGRAM: Commercialisation", immediately after the word "PROGRAM", insert the letter "G".

2.1.5 Schedule 2 [FUNDING PERIOD] of the Commonwealth Agreement is replaced with Schedule 2 [FUNDING PERIOD] appearing at Attachment B of this deed.

2.1.6 Tables 1, 2, 3 and 4 in Part A of Schedule 3 of the Commonwealth Agreement are respectively replaced with Tables 1, 2, 3 and 4 appearing at Attachment C of this deed.

2.1.7 Schedule 4 [PERSONNEL] of the Commonwealth Agreement is replaced with Schedule 4 [PERSONNEL], appearing at Attachment D of this deed.

### **3 COSTS AND STAMP DUTY**

3.1 Subject to clause 3.2, each party remains responsible for its own costs for entering into this deed.

3.2 All stamp duty (including fines, penalties and interest) which may be payable on or in connection with this deed will be borne equally by the New Researcher Party. The New Researcher Party indemnifies the other parties to this deed on demand against any liability for that stamp duty.

### **4 GOVERNING LAW**

4.1 This deed is construed in accordance with the law for the time being in force in the Australian Capital Territory.

### **5 SEVERABILITY**

5.1 If a clause or part of a clause of this deed can be read in a way that makes it illegal, unenforceable or invalid, but can also be read in a way that makes it legal, enforceable and valid, it must be read in the latter way. If any clause or part of a clause is illegal, unenforceable or invalid, that clause or part is to be treated as removed from this deed, but the rest of this deed is not affected.

### **6 COUNTERPARTS**

6.1 This deed may be executed in any number of counterparts. All counterparts together will be taken to constitute one (1) document.

Executed as a deed on the day and year first above written.

SIGNED for and on behalf of  
THE COMMONWEALTH OF AUSTRALIA

by its duly authorised officer

Cathy McKay

(Name in full)

)  
)  
)  
Cathy McKay

In the presence of:

MIRA MIHAJLOVIC

(Name in full)

)  
)  
)  
M. Mihajlovic

Date: 30/5/05

EXECUTED for and on behalf of THE EXISTING RESEARCHER PARTIES by the person named below who, by signing, warrants that he is a DULY AUTHORISED AGENT of each of the parties that comprise the Existing Researcher Parties and has the AUTHORITY to EXECUTE this deed on their behalf;



Signature

David Ross Peterson  
Full Name (please print)

Position: Company Secretary

In the presence of:

KEVIN O'LOUGHLIN

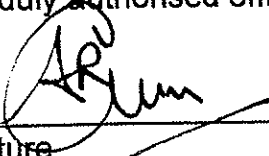
Name in full (please print)

)  
)  
)  
Kevin O'Loughlin

Date: 21/05/05



Signed on behalf of  
University of Tasmania  
By its duly authorised officer


  
\_\_\_\_\_  
Signature

ANDREW RODERICK GLENN  
Full Name (please print)

Position PRO VICE CHANCELLOR (RESEARCH)

In the presence of:

KEVIN JOSEPH O'LOUGHLIN  
Name in full (please print)

)  
)  
)  
  
\_\_\_\_\_

Date: 27 May 2008

**A.1 Schedule 1 ACTIVITIES OF THE CENTRE (Additional Project B6)**

**PROGRAM B: Management of Prescribed and Wild Fires in the Landscape**

Project B6: HighFire Underpinning evidence-based policy for ecologically sustainable fire regimes and their management in Australia's Alpine ecosystems.

Project Summary

The project will develop an understanding of the interactions of fire regimes, weed encroachment, grazing and browsing (of introduced and native fauna) and the impact on the complex issues of:

- Rates and regulation of plant growth
- Rates of fuel accumulation
- Flammability
- Flora and fauna composition
- Water yield
- Carbon fluxes

The increased understanding will result in tools, plans and strategies for ecological and sustainable management of the higher elevation land in Australia.

This project will employ strategies to:

- Contribute to improved evidence-based policy for prescribed fires to manage: the protection of communities, ecological values, water yield, and mitigation of wildfire.
- Consolidate and synthesise the body of data relating to plant growth, fuel accumulation and fire regimes in Australia's high country.
- Understand the interactions among grazing and browsing, encroachment of woody weeds, and fire in relation to management of ecological values and resources such as water.
- Understand community values and expectations for fire management of high country areas,
- Establish effective engagement with and among land managers in high country areas, of all tenures and across state and territory boundaries, to ensure transfer of research outcomes into policy and practise.
- Examine social, legal, organisational, economic, regulatory and policy issues influencing bushfires and bushfire management in Australia's high country.

<b>Outcome 20:</b>	<b>Management of fire regimes in the alpine ecosystems for optimum human and infrastructure protection, water catchment, carbon flux and biodiversity outcomes</b>
Output 20.1	<b>National fire related and GIS-interpretable database on litter and biomass for the Australian high country</b>
Milestone 20.1.1	Negotiation of data exchange contracts with state agencies (April 2005)
Milestone 20.1.2	Modeller to gather data and create the database (July 2005)
Milestone 20.1.3	Completed database (October 2005)
Output 20.2	<b>Definition of fire prevention and suppression activities and strategies to achieve a desired range of management objectives These strategies will largely be based on evidence from the 2002/2003 fires.</b>
Milestone 20.2.1	Analysis of the relationships between the distribution of fire severity classes of the 2002/2003 alpine fires and geographic information (December 2005)
Output 20.3	<b>Identification of sensitivity of shrub abundance to land-use management</b>
Milestone 20.3.1	Development of a research plan based on the current state of knowledge (June 2005)
Milestone 20.3.2	Selection of study sites (May 2005)
Milestone 20.3.3	Implementation of experiments (July 2005)
Milestone 20.3.4	Publication of results (June 2007)
Output 20.5	<b>Co-operation and integrated management strategies among state agencies</b>
Milestone 20.5.1	Organise inter-agency working groups (May 2005)
Milestone 20.5.2	Define agency objectives (July 2005)
Milestone 20.5.3	Develop an effective strategy of land management to satisfy agency objectives (July 2006)
Milestone 20.5.4	Provision of inter-agency strategy June 2007)
Output 20.6	<b>Comprehensive systems of monitoring for outcomes, adaptive management</b>
Milestone 20.6.1	Review state of knowledge (September 2005)
Milestone 20.6.2	Employ staff (May 2005)
Milestone 20.6.3	Purchase field and laboratory equipment (May 2005)
Milestone 20.6.4	Establish monitoring systems within LTER (June 2005)
Milestone 20.6.5	Monitor and data collection (April 2007)
Milestone 20.6.7	Publication (June 2007)
Output 20.7	<b>Build long-term ecological research (LTER) sites and add value to existing experiments.</b>
Milestone 20.7.1	Catalogue research sites in the Australian high country (March 2005)
Milestone 20.7.2	Select site locations (May 2005)
Milestone 20.7.3	Establish LTER sites for the high country project (May 2006)

Output 20.8	<b>One-stop shop for high country fire science and the influence of climate change on fire regimes in the alpine ecosystems.</b>
Milestone 20.8.1	Catalogue institutional directories, studies, publications and state of knowledge (November 2005)
Milestone 20.8.2	Establish a web-based information broker (June 2006)
Milestone 20.8.3	Ongoing updates to database (June 2007)
Output 20.9	<b>Long-term and iterative data base on plant growth rates and rates of litter accumulation and responses to temperature</b>
Milestone 20.9.1	Establish study sites (May 2005)
Milestone 20.9.2	Annual growth data recorded (October 2006, November 2007)
Milestone 20.9.3	Models of growth and fuel accumulation (July 2007), stratified by topography and climate and GIS-interpretable.
Output 20.10	<b>Models of water yield following fire at sub-catchment level</b>
Milestone 20.10.1	Establish study sites (May 2005)
Milestone 20.10.2	Instrumentation and analysis systems installed (May 2005)
Milestone 20.10.3	First cut models available (June 2007)
Output 20.11	<b>Models of greenhouse gas emissions stratified by temperature and by fire</b>
Milestone 20.11.1	Establish study sites (May 2005)
Milestone 20.11.2	Instrumentation and analysis systems installed (June 2005)
Milestone 20.11.3	First cut models available (June 2007)
Output 20.12	<b>Develop effective engagement approaches with land managers/householders of all tenures in the elevated areas.</b>
Milestone 20.12.1	Approach to be completed (June 2007)

## PROJECT B6 STAFFING

Title and Name	Role in CRC	Contributing Organisation	Time Allocation
<b>Program Leader</b>			
Prof Mark Adams	Program B Leader	UWA	0.2
Prof John Handmer	Program C Leader	RMIT	0.05
<b>Project Management</b>			
Richard Thornton	Research Director	CRC	0.2
Maria Taranto	Project Manager	CRC	1.0
<b>CRC Researchers</b>			
Tina Bell	Researcher	UM	0.1
Chris Weston	Researcher	UM	0.1
Prof Ross McMurtrie	Researcher	UNSW	0.1
Research fellow	Researcher	CRC	1.0
Research fellow	Researcher	CRC	1.0
Research fellow	Researcher	CRC	1.0
Research fellow	Researcher	CRC	1.0
Research fellow	Researcher	CRC	1.0
Research assistant	Researcher	CRC	1.0
Research assistant	Researcher	CRC	1.0
Research assistant	Researcher	CRC	1.0
Research assistant	Researcher	CRC	1.0
Phd Student	Researcher	CRC	1.0
Phd Student	Researcher	CRC	1.0
Phd Student	Researcher	CRC	1.0
Phd Student	Researcher	CRC	1.0
Phd Student	Researcher	CRC	1.0
Phd Student	Researcher	CRC	1.0
Field staff	Field work	DSE	.05
Field staff	Field work	DSE	.05
Field staff	Field work	NSW NPWS	.05
Field staff	Field work	NSW NPWS	.05
Field staff	Field work	Parks Victoria	.05
Gary Morgan	User Advisor	DSE	.05
Ross Bradstock	User Advisor/ Researcher	NSW NPWS	.1
TBA	Researcher	Uni of Tas	.1
<b>Non CRC Researchers</b>			
Klaus Butterbach-Buhl	International visitor	IFU, Garmisch	
Prof Derek Eamus	Researcher	UTS	.05
Prof Daniel Murdigarso	Researcher	CIFOR, Indonesia	.1
Jason Berringer	Researcher	Monash	.05

## BUDGET

Budget ('000)	YEAR 2	YEAR 3	YEAR 4
Salaries	200	750	750
Operational	200	250	250
Asset	400	150	50
<b>Total</b>	<b>800</b>	<b>1150</b>	<b>1050</b>

## **A.2 Schedule 1 ACTIVITIES OF THE CENTRE (Additional Program F)**

### **PROGRAM F: Community Outreach**

The Bushfire CRC, through additional funding from the Department of Education, Science and Training (DEST) will augment its communication and public outreach activities specifically to target regional and local communities. The aim of the new program is to promote and communicate the Bushfire CRC's work and to inform and educate on the science of bushfires. This will be achieved through the development of a Fire Knowledge Network and by conducting regional and local Bushfire CRC forums.

The Community Outreach project will focus on providing information on the science of bushfires and provide a means to encourage a two-way flow of information of fire knowledge on an ongoing basis. Its aim is to promote the Bushfire CRC to local residents in regional areas (especially those communities that have been recently affected by bushfires), fire and land management staff and volunteers, other agencies, local councils, and the wider community. The establishment of The Fire Knowledge Network will underpin the community engagement process by providing a focal point for information on bushfire science, for information on current and past research, and for the collection of data and fire histories. It will also link with other researchers, community groups and with policy and decision makers in government, as well as providing a "state of the art" information portal on bushfire knowledge.

<b><u>Outcome F1:</u></b>	<b>Regional and local communities relevant policy and decision makers aware of the Bushfire CRC, more informed on fire science, and more engaged in sharing fire knowledge.</b>
Output F1.1 Milestone F1.1.1 Milestone F1.1.2 Milestone F1.1.3 Milestone F1.1.4	<b>The Fire Knowledge Network developed and operating effectively</b> Initial survey of stakeholders and scoping exercise on the concept and operation of The Fire Knowledge Network completed (April 2005). Initial network meetings with researchers, end users, community groups and policy makers (October 2005) Modified Bushfire CRC Web site to reflect Fire Knowledge Network initiative and provide architectural framework for a dedicated new site on Fire Knowledge (June 2005). Two year program of 16 regional fire knowledge network meetings (June 2007)
Output F1.2 Milestone F1.2.1	<b>Community forums on bushfire knowledge and CRC research and key themes/issues concerning bushfire science.</b> Bushfire CRC community forums conducted across Australia, 20 over three years (June 2007)

## PROGRAM F STAFFING

Title and Name	Role	Contributing Organisation	Time Allocation
<b><u>Program Leader</u></b>			
Mr Kevin O'Loughlin	Bushfire CRC CEO	CRC	0.1
<b><u>Project Management</u></b>			
Project Manager – New	Project Management	CRC	0.7
Project Officer - New	Project & Event Coordination	CRC	0.6
Ms Kellie Watson	Education Coordinator	CRC	0.2
Mr Derek McCormack	Communications Coordinator	CRC	0.3
<b><u>In Kind Support</u></b>			
Community Education Roles x 1	Community Engagement	TBN	0.1
Community Education Role X 2	Community Engagement	TBN	0.1
Community Education Roles x 3	Community Engagement	TBN	0.1
RFS Media staff	Media activities	TBN	0.1

## BUDGET

BUDGET	YEAR 2	YEAR 3	YEAR 4	YEAR 5
Capital	\$70,000	\$60,000	\$20,000	
Salaries	\$30,000	\$128,000	\$128,000	\$20,000
Other	\$124,000	\$220,000	\$220,000	\$50,000
<b>Total</b>	<b>\$224,000</b>	<b>\$408,000</b>	<b>\$348,000</b>	<b>\$70,000</b>

**Schedule 2 FUNDING PERIOD**

**FUNDING PERIOD  
[Clauses 1.1 and 2.1]**

**BUSHFIRE CRC**

The Funding Period, during which the Activities of the CRC will be supported by the Commonwealth under the CRC Programme, is a period of 7 years, commencing on 1 July 2003.

**PAYMENT OF THE FUNDING  
[Clauses 2.1, 2.2, 2.3 and 2.4]**

Payment of the Funding, totalling \$28.85 million, will be by quarterly instalments in advance with the first quarter commencing 1 July 2003, according to the following schedule:

Payment	Quarter	Quarterly Payment	GST	Total (GST inclusive)
1	Jul 2003	\$550,000	\$55,000	\$605,000
2	Oct 2003	\$550,000	\$55,000	\$605,000
3	Jan 2004	\$550,000	\$55,000	\$605,000
4	Apr 2004	\$550,000	\$55,000	\$605,000
<b>SUBTOTAL (for financial year)</b>		<b>\$2,200,000</b>	<b>\$220,000</b>	<b>\$2,420,000</b>
5	Jul 2004	\$750,000	\$75,000	\$825,000
6	Oct 2004	\$750,000	\$75,000	\$825,000
7	Jan 2005	\$1,425,000	\$142,500	\$1,567,500
8	Apr 2005	\$1,425,000	\$142,500	\$1,567,500
<b>SUBTOTAL (for financial year)</b>		<b>\$4,350,000</b>	<b>\$435,000</b>	<b>\$4,785,000</b>
9	Jul 2005	\$1,362,500	\$136,250	\$1,498,750
10	Oct 2005	\$1,362,500	\$136,250	\$1,498,750
11	Jan 2006	\$1,362,500	\$136,250	\$1,498,750
12	Apr 2006	\$1,362,500	\$136,250	\$1,498,750
<b>SUBTOTAL (for financial year)</b>		<b>\$5,450,000</b>	<b>\$545,000</b>	<b>\$5,995,000</b>
13	Jul 2006	\$1,337,500	\$133,750	\$1,471,250
14	Oct 2006	\$1,337,500	\$133,750	\$1,471,250
15	Jan 2007	\$1,337,500	\$133,750	\$1,471,250
16	Apr 2007	\$1,337,500	\$133,750	\$1,471,250
<b>SUBTOTAL (for financial year)</b>		<b>\$5,350,000</b>	<b>\$535,000</b>	<b>\$5,885,000</b>
17	Jul 2007	\$1,000,000	\$100,000	\$1,100,000
18	Oct 2007	\$1,000,000	\$100,000	\$1,100,000
19	Jan 2008	\$1,000,000	\$100,000	\$1,100,000
20	Apr 2008	\$1,000,000	\$100,000	\$1,100,000



<b>SUBTOTAL (for financial year)</b>		<b>\$4,000,000</b>	<b>\$400,000</b>	<b>\$4,400,000</b>
<b>21</b>	Jul 2008	<b>\$1,000,000</b>	<b>\$100,000</b>	<b>\$1,100,000</b>
<b>22</b>	Oct 2008	<b>\$1,000,000</b>	<b>\$100,000</b>	<b>\$1,100,000</b>
<b>23</b>	Jan 2009	<b>\$1,000,000</b>	<b>\$100,000</b>	<b>\$1,100,000</b>
<b>24</b>	Apr 2009	<b>\$1,000,000</b>	<b>\$100,000</b>	<b>\$1,100,000</b>
<b>SUBTOTAL (for financial year)</b>		<b>\$4,000,000</b>	<b>\$400,000</b>	<b>\$4,400,000</b>
<b>25</b>	Jul 2009	<b>\$875,000</b>	<b>\$87,500</b>	<b>\$962,500</b>
<b>26</b>	Oct 2009	<b>\$875,000</b>	<b>\$87,500</b>	<b>\$962,500</b>
<b>27</b>	Jan 2010	<b>\$875,000</b>	<b>\$87,500</b>	<b>\$962,500</b>
<b>28</b>	Apr 2010	<b>\$875,000</b>	<b>\$87,500</b>	<b>\$962,500</b>
<b>SUBTOTAL (for financial year)</b>		<b>\$3,500,000</b>	<b>\$350,000</b>	<b>\$3,850,000</b>
<b>TOTAL (for all financial years)</b>		<b>\$28,850,000</b>	<b>\$2,885,000</b>	<b>\$31,735,000</b>

TABLE 1

IN-KIND CONTRIBUTIONS FROM PARTNERS

PROJECTED CONTRIBUTIONS (\$'000)

CORE PARTICIPANTS Australian Building Codes Board	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7	GRAND TOTAL Seven Years
	Budget	Budget	Budget	Budget	Budget	Budget	Budget	
SALARIES	11	11	0	0	0	0	0	22
CAPITAL	0	0	0	0	0	0	0	0
OTHER	8	8	0	0	0	0	0	16
TOTAL	19	19	0	0	0	0	0	38
Bureau of Meteorology								
SALARIES	336	336	336	336	336	336	336	2352
CAPITAL	200	200	200	200	200	200	200	1400
OTHER	178	213	213	213	213	213	213	1456
TOTAL	714	749	749	749	749	749	749	5208
Country Fire Authority								
SALARIES	68	68	68	68	68	68	68	476
CAPITAL	69	69	69	69	69	69	69	483
OTHER	63	63	63	63	63	63	63	441
TOTAL	200	200	200	200	200	200	200	1400
CSIRO Manufacturing & Infrastructure Technology								
SALARIES	142	151	160	170	180	190	202	1195
CAPITAL	0	0	0	0	0	0	0	0
OTHER	267	331	372	383	396	409	362	2520
TOTAL	409	482	532	553	576	599	564	3715
CSIRO Forestry and Forest Products								
SALARIES	133	141	149	158	167	178	188	1114
CAPITAL	30	30	30	30	30	30	30	210
OTHER	219	232	246	261	276	293	311	1838
TOTAL	382	403	425	449	473	501	529	3162
CSIRO Sustainable Ecosystems								
SALARIES	44	44	44	44	0	0	0	176
CAPITAL	0	0	0	0	0	0	0	0
OTHER	149	173	173	149	0	0	0	644
TOTAL	193	217	217	193	0	0	0	820

**ATTACHMENT C**

**TOTAL ALL PROGRAMS**

CASH	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7	GRAND TOTAL Seven Years
	Budget	Budget	Budget	Budget	Budget	Budget	Budget	
SALARIES	2403	3396	4375	4400	3592	3644	3542	25352
CAPITAL	325	605	130	95	20	20	20	1215
OTHER	1748	2830	3383	3353	2971	2982	2678	19945
TOTAL	4476	6831	7888	7848	6583	6646	6240	46512

SALARIES	2753	2959	3044	3078	3080	2984	2983	20881
CAPITAL	583	413	369	316	316	316	316	2629
OTHER	4769	5773	5987	5870	5689	5288	5073	38449
TOTAL	8105	9145	9400	9264	9085	8588	8372	61959

TABLE 4

SUMMARY OF RESOURCES APPLIED TO ACTIVITIES OF CENTRE

PROJECTED EXPENDITURE (\$'000)

CASH	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7	GRAND TOTAL Seven Years
	Budget	Budget	Budget	Budget	Budget	Budget	Budget	
SALARIES	2403	3396	4375	4400	3592	3644	3542	25352
CAPITAL	325	605	130	95	20	20	20	1215
OTHER	1748	2830	3383	3353	2971	2982	2678	19945
TOTAL	4476	6831	7888	7848	6583	6646	6240	46512
IN-KIND								
SALARIES	2753	2959	3044	3078	3080	2984	2983	20881
CAPITAL	583	413	369	316	316	316	316	2629
OTHER	4769	5773	5987	5870	5689	5288	5073	38449
TOTAL	8105	9145	9400	9264	9085	8588	8372	61959
GRAND TOTAL (CASH AND IN-KIND)	12581	15976	17288	17112	15668	15234	14612	108471
HEADS OF EXPENDITURE								
TOTAL SALARIES (CASH AND IN-KIND)	5156	6355	7419	7478	6672	6628	6525	46233
TOTAL CAPITAL (CASH AND IN-KIND)	908	1018	499	411	336	336	336	3844
TOTAL OTHER (CASH AND IN-KIND)	6517	8603	9370	9223	8660	8270	7751	58394
TOTAL RESOURCES	12581	15976	17288	17112	15668	15234	14612	108471

**ATTACHMENT C**

	YEAR 1 Budget	YEAR 2 Budget	YEAR 3 Budget	YEAR 4 Budget	YEAR 5 Budget	YEAR 6 Budget	YEAR 7 Budget	GRAND TOTAL Seven Years
SALARIES	34	61	88	88	88	88	88	535
CAPITAL	0	0	0	0	0	0	0	0
OTHER	37	68	98	98	98	98	98	595
<b>TOTAL</b>	<b>71</b>	<b>129</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>186</b>	<b>1130</b>

**Emergency Management Australia**

**Forest and Ecosystems Science Institute**

SALARIES	357	357	357	357	357	357	357	2499
CAPITAL	150	0	0	0	0	0	0	150
OTHER	1247	1275	1306	1296	1265	1265	1286	8940
<b>TOTAL</b>	<b>1754</b>	<b>1632</b>	<b>1663</b>	<b>1653</b>	<b>1622</b>	<b>1622</b>	<b>1643</b>	<b>11589</b>

**Metropolitan Fire and Emergency Services Board**

SALARIES	236	245	255	265	276	287	298	1862
CAPITAL	0	0	0	0	0	0	0	0
OTHER	188	196	204	212	220	229	238	1487
<b>TOTAL</b>	<b>424</b>	<b>441</b>	<b>459</b>	<b>477</b>	<b>496</b>	<b>516</b>	<b>536</b>	<b>3349</b>

**NSW Fire Brigades**

SALARIES	54	64	73	83	98	103	68	543
CAPITAL	0	0	0	0	0	0	0	0
OTHER	27	32	37	42	49	51	34	272
<b>TOTAL</b>	<b>81</b>	<b>96</b>	<b>110</b>	<b>125</b>	<b>147</b>	<b>154</b>	<b>102</b>	<b>815</b>

**NSW National Parks and Wildlife**

SALARIES	62	62	62	62	62	62	62	434
CAPITAL	0	0	0	0	0	0	0	0
OTHER	30	30	30	30	30	30	30	210
<b>TOTAL</b>	<b>92</b>	<b>92</b>	<b>92</b>	<b>92</b>	<b>92</b>	<b>92</b>	<b>92</b>	<b>644</b>

**NSW Rural Fire Service**

SALARIES	47	47	84	102	102	102	102	586
CAPITAL	114	114	50	17	17	17	17	346
OTHER	35	35	63	77	77	77	77	441
<b>TOTAL</b>	<b>196</b>	<b>196</b>	<b>197</b>	<b>196</b>	<b>196</b>	<b>196</b>	<b>196</b>	<b>1373</b>

**ATTACHMENT C**

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7	GRAND TOTAL Seven Years
	Budget	Budget	Budget	Budget	Budget	Budget	Budget	
<b>Queensland Fire and Rescue</b>								
SALARIES	85	85	85	85	85	85	85	595
CAPITAL	0	0	0	0	0	0	0	0
OTHER	43	43	43	43	43	43	43	301
TOTAL	128	128	128	128	128	128	128	896
<b>State Forests of NSW</b>								
SALARIES	244	185	185	185	185	185	185	1354
CAPITAL	20	0	20	0	0	0	0	40
OTHER	90	69	69	69	69	69	69	504
TOTAL	354	254	274	254	254	254	254	1898
<b>Tasmanian Government</b>								
SALARIES	88	88	88	88	88	88	88	616
CAPITAL	0	0	0	0	0	0	0	0
OTHER	93	93	93	93	93	93	93	651
TOTAL	181	181	181	181	181	181	181	1267
<b>University of Tasmania [New Participant]</b>								
SALARIES	0	81	76	76	76	76	76	461
CAPITAL	0	0	0	0	0	0	0	0
OTHER	0	166	211	211	211	211	211	1221
TOTAL	0	247	287	287	287	287	287	1682
<b>University of Western Australia</b>								
SALARIES	109	109	109	109	109	109	109	763
CAPITAL	0	0	0	0	0	0	0	0
OTHER	291	389	413	349	349	424	379	2594
TOTAL	400	498	522	458	458	533	488	3357
<b>Victorian Department of Sustainability and Environment</b>								
SALARIES	32	33	34	35	36	37	38	245
CAPITAL	0	0	0	0	0	0	0	0
OTHER	25	26	27	27	28	29	30	192
TOTAL	57	59	61	62	64	66	68	437
<b>Western Australia Department of Conservation and Land Management</b>								
SALARIES	147	158	158	134	134	0	0	731
CAPITAL	0	0	0	0	0	0	0	0
OTHER	266	300	300	265	265	0	0	1396
TOTAL	413	458	458	399	399	0	0	2127

**Western Australian Fire and Emergency Services**

	YEAR 1 Budget	YEAR 2 Budget	YEAR 3 Budget	YEAR 4 Budget	YEAR 5 Budget	YEAR 6 Budget	YEAR 7 Budget	GRAND TOTAL Seven Years
SALARIES	26	100	100	100	100	100	100	626
CAPITAL	0	0	0	0	0	0	0	0
OTHER	20	75	75	75	75	75	75	470
<b>TOTAL</b>	<b>46</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>1096</b>

**TOTAL CORE PARTICIPANT IN-KIND CONTRIBUTIONS**

SALARIES	2255	2426	2511	2545	2547	2451	2450	17185
CAPITAL	583	413	369	316	316	316	316	2629
OTHER	3276	3817	4036	3956	3820	3672	3612	26189
<b>TOTAL</b>	<b>6114</b>	<b>6656</b>	<b>6916</b>	<b>6817</b>	<b>6683</b>	<b>6439</b>	<b>6378</b>	<b>46003</b>

IN-KIND CONTRIBUTIONS FROM PARTNERS (conf) PROJECTED CONTRIBUTIONS (\$'000)

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7	GRAND TOTAL Seven Years
	Budget	Budget	Budget	Budget	Budget	Budget	Budget	
<b>SUPPORTING PARTNERS</b>								
ACT Dept. of Justice and Community Safety	13	13	13	13	13	13	13	91
SALARIES	0	0	0	0	0	0	0	0
CAPITAL	7	7	7	7	7	7	7	49
OTHER	20	20	20	20	20	20	20	140
TOTAL	20	20	20	20	20	20	20	140
<b>Australian National University</b>								
SALARIES	27	27	27	27	27	27	27	189
CAPITAL	0	0	0	0	0	0	0	0
OTHER	85	101	101	101	101	101	34	624
TOTAL	112	128	128	128	128	128	61	813
<b>Charles Darwin University</b>								
SALARIES	0	16	16	16	16	16	16	96
CAPITAL	0	0	0	0	0	0	0	0
OTHER	0	25	25	25	25	25	25	150
TOTAL	0	41	41	41	41	41	41	246
<b>South Australian Department of Environment and Heritage</b>								
SALARIES	0	18	18	18	18	18	18	108
CAPITAL	0	0	0	0	0	0	0	0
OTHER	0	15	15	15	15	15	15	90
TOTAL	0	33	33	33	33	33	33	198
<b>ACT Emergency Services Bureau</b>								
SALARIES	17	18	18	18	18	18	18	125
CAPITAL	0	0	0	0	0	0	0	0
OTHER	14	15	15	15	15	15	15	104
TOTAL	31	33	33	33	33	33	33	229
<b>James Cook University</b>								
SALARIES	57	57	57	57	57	57	57	399
CAPITAL	0	0	0	0	0	0	0	0
OTHER	239	307	307	307	307	307	113	1693
TOTAL	296	364	364	364	364	364	170	2092



**SUPPORTING PARTNERS (Continued)**  
 Latrobe University

	YEAR 1 Budget	YEAR 2 Budget	YEAR 3 Budget	YEAR 4 Budget	YEAR 5 Budget	YEAR 6 Budget	YEAR 7 Budget	GRAND TOTAL Seven Years
SALARIES	71	71	71	71	71	71	71	497
CAPITAL	0	0	0	0	0	0	0	0
OTHER	516	726	726	726	726	726	726	4872
<b>TOTAL</b>	<b>587</b>	<b>797</b>	<b>797</b>	<b>797</b>	<b>797</b>	<b>797</b>	<b>797</b>	<b>5369</b>

**New Zealand Forest Research**

SALARIES	125	125	125	125	125	125	125	875
CAPITAL	0	0	0	0	0	0	0	0
OTHER	205	220	220	220	220	220	220	1525
<b>TOTAL</b>	<b>330</b>	<b>345</b>	<b>345</b>	<b>345</b>	<b>345</b>	<b>345</b>	<b>345</b>	<b>2400</b>

**Royal Melbourne Institute of Technology**

SALARIES	79	79	79	79	79	79	79	553
CAPITAL	0	0	0	0	0	0	0	0
OTHER	298	401	396	359	314	255	167	2190
<b>TOTAL</b>	<b>377</b>	<b>480</b>	<b>475</b>	<b>438</b>	<b>393</b>	<b>334</b>	<b>246</b>	<b>2743</b>

**South Australian Metropolitan Fire Service**

SALARIES	36	36	36	36	36	36	36	252
CAPITAL	0	0	0	0	0	0	0	0
OTHER	29	29	29	29	29	29	29	203
<b>TOTAL</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>65</b>	<b>455</b>

**University of New South Wales**

SALARIES	73	73	73	73	73	73	73	511
CAPITAL	0	0	0	0	0	0	0	0
OTHER	100	110	110	110	110	110	110	760
<b>TOTAL</b>	<b>173</b>	<b>183</b>	<b>183</b>	<b>183</b>	<b>183</b>	<b>183</b>	<b>183</b>	<b>1271</b>

**TOTAL SUPPORTING IN-KIND CONTRIBUTIONS**

SALARIES	498	533	533	533	533	533	533	3696
CAPITAL	0	0	0	0	0	0	0	0
OTHER	1493	1956	1951	1914	1869	1616	1461	12260
<b>TOTAL</b>	<b>1991</b>	<b>2489</b>	<b>2484</b>	<b>2447</b>	<b>2402</b>	<b>2149</b>	<b>1994</b>	<b>15956</b>

**TOTAL IN-KIND CONTRIBUTIONS (CORE & SUPPORTING)**

SALARIES	2753	2959	3044	3078	3080	2984	2983	20881
CAPITAL	583	413	369	316	316	316	316	2629
OTHER	4769	5773	5987	5870	5689	5288	5073	38449
<b>TOTAL</b>	<b>8105</b>	<b>9145</b>	<b>9400</b>	<b>9264</b>	<b>9085</b>	<b>8588</b>	<b>8372</b>	<b>61959</b>

**GRAND TOTAL (IN-KIND)**

CASH CONTRIBUTIONS

TABLE 2

PROJECTED CONTRIBUTIONS (\$'000)

CORE PARTICIPANTS	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7	GRAND TOTAL Seven Years
	Budget	Budget	Budget	Budget	Budget	Budget	Budget	
Australian Building Codes Board	100	100	0	0	0	0	0	200
Bureau of Meteorology	100	100	100	100	100	100	100	700
Country Fire Authority	200	200	200	200	200	200	200	1400
CSIRO Forestry and Forest Products	120	120	120	120	120	120	120	840
CSIRO Sustainable Ecosystems	48	33	40	40	30	0	0	191
Emergency Management Australia	143	143	143	143	143	143	143	1001
Forest and Ecosystems Science Institute	130	130	130	130	130	130	130	910
Metropolitan Fire & Emergency Services Board	100	100	100	100	100	100	100	700
NSW Fire Brigades	100	100	100	100	100	100	100	700
NSW National Parks and Wildlife	100	100	100	100	100	100	100	700
NSW Rural Fire Service	200	200	200	200	200	200	200	1400
Queensland Fire and Rescue	200	200	200	200	200	200	200	1400
State Forests of NSW	100	100	100	100	100	100	100	700
Tasmanian Government	100	100	100	100	100	100	100	700
University of Tasmania	0	50	100	100	100	100	100	550
University of Western Australia	100	100	100	100	100	100	100	700
Victorian Dept of Sustainability and Environment	100	100	100	100	100	100	100	700
Western Australian Dept of Conservation & Land Mgt.	40	40	40	40	40	40	40	280
Western Australian Fire & Emergency Services	100	100	100	100	100	100	100	700
<b>TOTAL CASH FROM CORE PARTICIPANTS</b>	<b>2081</b>	<b>2116</b>	<b>2073</b>	<b>2073</b>	<b>2063</b>	<b>2033</b>	<b>2033</b>	<b>14472</b>

ASSOCIATE PARTICIPANTS

ASSOCIATE PARTICIPANTS	2081	2116	2073	2073	2063	2033	2033	14472
ACT Dept Justice & Community Safety	20	20	20	20	20	20	20	140
Australian National University	10	10	10	10	10	3	2	55
James Cook University	25	25	25	25	25	25	25	175
South Australian Country Fire Service	10	10	10	10	10	10	10	70
South Australian Department of Heritage and Environment	0	30	30	30	30	30	30	180
South Australian Metropolitan Fire Service	10	10	10	10	10	10	10	70
University of New South Wales	20	20	20	20	20	20	20	140
<b>TOTAL CASH FROM ASSOCIATE PARTICIPANTS</b>	<b>95</b>	<b>125</b>	<b>125</b>	<b>125</b>	<b>125</b>	<b>118</b>	<b>117</b>	<b>830</b>

**ATTACHMENT C**

	YEAR 1 Budget	YEAR 2 Budget	YEAR 3 Budget	YEAR 4 Budget	YEAR 5 Budget	YEAR 6 Budget	YEAR 7 Budget	GRAND TOTAL Seven Years
OTHER CASH	50	150	150	150	150	200	200	1050
External Grants	25	50	50	100	150	150	150	675
Contract Research	0	0	0	0	50	100	200	350
Commercialisation	0	15	20	30	30	30	30	155
Education	25	25	20	20	15	15	10	130
Interest								
	2200	4350	5450	5350	4000	4000	3500	28850

**FUNDING FROM THE CRC GRANT**

	4476	6831	7888	7848	6583	6646	6240	46512
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**TOTAL CRC CASH BUDGET**

**CASH EXPENDITURE**

SALARIES	2403	3396	4375	4400	3592	3644	3542	25352
CAPITAL	325	605	130	95	20	20	20	1215
OTHER	1748	2830	3383	3353	2971	2982	2678	19945

**GRAND TOTAL - CASH**

	4476	6831	7888	7848	6583	6646	6240	46512
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**GRAND TOTAL - IN-KIND**

	8105	9145	9400	9264	9085	8588	8372	61959
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**TOTAL RESOURCES AVAILABLE**

	12581	15976	17288	17112	15668	15234	14612	108471
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TABLE 3

ALLOCATION OF RESOURCES (CASH AND IN-KIND)

PROJECTED EXPENDITURE (\$'000)

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7	GRAND TOTAL Seven Years
	Budget	Budget	Budget	Budget	Budget	Budget	Budget	
<b>PROGRAM A</b>								
CASH	580	750	800	800	850	850	850	5480
SALARIES	25	35	20	25	20	20	20	165
CAPITAL	325	390	450	440	450	450	400	2905
OTHER	930	1175	1270	1265	1320	1320	1270	8550
TOTAL								
IN-KIND	523	593	593	593	593	573	573	4041
SALARIES	160	160	101	90	90	90	90	781
CAPITAL	843	882	831	831	831	810	810	5838
OTHER	1526	1635	1525	1514	1514	1473	1473	10660
TOTAL								
<b>PROGRAM B</b>								
CASH	470	850	1260	1240	540	540	529	5429
SALARIES	150	500	50	50	0	0	0	750
CAPITAL	265	500	630	630	340	350	300	3015
OTHER	885	1850	1940	1920	880	890	829	9194
TOTAL								
IN-KIND	659	755	769	734	734	734	697	5082
SALARIES	40	40	40	40	40	40	40	280
CAPITAL	1239	1731	1841	1730	1730	1730	1687	11688
OTHER	1938	2526	2650	2504	2504	2504	2424	17050
TOTAL								
<b>PROGRAM C</b>								
CASH	280	345	500	490	370	375	350	2710
SALARIES	0	0	0	0	0	0	0	0
CAPITAL	100	120	110	100	90	100	80	700
OTHER	380	465	610	590	460	475	430	3410
TOTAL								
IN-KIND	589	607	622	622	622	622	592	4276
SALARIES	0	0	0	0	0	0	0	0
CAPITAL	918	986	1050	1050	1050	1050	1050	7154
OTHER	1507	1593	1672	1672	1672	1672	1642	11430
TOTAL								

**ATTACHMENT C**

**PROGRAM D**

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7	GRAND TOTAL
	Budget	Budget	Budget	Budget	Budget	Budget	Budget	Seven Years
CASH	450	650	650	640	640	600	600	4210
SALARIES	0	0	0	0	0	0	0	0
CAPITAL	430	550	640	630	610	610	500	3970
OTHER	880	1180	1290	1270	1250	1210	1100	8180
TOTAL								

IN-KIND	520	550	550	550	550	530	500	3750
SALARIES	200	213	228	186	186	186	186	1385
CAPITAL	904	1144	1144	1144	1144	1102	949	7531
OTHER	1624	1907	1922	1880	1880	1818	1635	12666
TOTAL								

**PROGRAM E**

CASH	100	125	160	170	180	230	200	1165
SALARIES	0	0	0	0	0	0	0	0
CAPITAL	240	500	711	820	820	790	670	4551
OTHER	340	625	871	990	1000	1020	870	5716
TOTAL								

IN-KIND	60	110	119	119	125	125	125	783
SALARIES	0	0	0	0	0	0	0	0
CAPITAL	78	259	260	357	267	246	246	1713
OTHER	138	369	379	476	392	371	371	2496
TOTAL								

**PROGRAM F**

CASH	0	75	93	83	20	0	0	271
SALARIES	0	0	0	0	0	0	0	0
CAPITAL	0	70	60	20	0	0	0	150
OTHER	0	233	230	140	50	0	0	653
TOTAL	0	378	383	243	70	0	0	1074

IN-KIND	0	105	105	40	35	0	0	285
SALARIES	0	0	0	0	0	0	0	0
CAPITAL	0	183	185	87	67	0	0	522
OTHER	0	288	290	127	102	0	0	807
TOTAL								

**MANAGEMENT**

CASH	400	538	750	750	790	790	790	4808
SALARIES	150	0	0	0	0	0	0	150
CAPITAL	346	440	462	453	471	512	518	3202
OTHER	896	978	1212	1203	1261	1302	1308	8160
TOTAL								

IN-KIND	85	70	70	70	70	70	70	505
SALARIES	0	0	0	0	0	0	0	0
CAPITAL	53	199	199	199	199	125	125	1099
OTHER	138	269	269	269	269	195	195	1604
TOTAL								

**ATTACHMENT C**

**UNALLOCATED FUNDS**

CASH		123	83	162	227	202	259	223	1279
SALARIES		123	83	162	227	202	259	223	1279
CAPITAL		0	0	0	0	0	0	0	0
OTHER		42	97	150	140	140	170	210	949
TOTAL		165	180	312	367	342	429	433	2228
IN-KIND		317	169	216	350	351	330	426	2159
SALARIES		317	169	216	350	351	330	426	2159
CAPITAL		183	0	0	0	0	0	0	183
OTHER		734	389	477	472	401	225	206	2904
TOTAL		1234	558	693	822	752	555	632	5246

## Schedule 4 PERSONNEL

### SPECIFIED PERSONNEL [Clauses 1.1 and 14]

Title and Name	Role in CRC	Contributing Organisation	Time allocation to CRC (0.0 - 1.0)
Mr Kevin O'Loughlin	CEO	Bushfire CRC Ltd	1.0
Mr David Peterson	Business Manager	Bushfire CRC Ltd	1.0
Dr Richard Thornton	Research Director	Bushfire CRC Ltd	1.0
Mr Derek McCormack	Communications	Bushfire CRC Ltd	1.0
Ms Kellie Watson	Education Coordinator	Bushfire CRC Ltd	1.0
Dr Mark Adams	Program B Manager	FESI	0.85
Prof John Handmer	Program C Manager	RMIT	0.6
Dr Bob Leicester	Program D Manager	CSIRO	0.5
Dr Jim Gould	Program A Manager	CSIRO	0.8

### LIAISON OFFICER [Clauses 1.1 and 8.2]

Name	Mr Ian MacDougall
Role in CRC	Chairman
Address	15 Lancaster Avenue, St Ives NSW 2075
Telephone	(02) 9440-0023 OR Mobile 0423 231 817
Facsimile	(02) 9265 2988
e-mail	ianmacdougall@hotmail.com

**VARIATION AGENT**  
**[Clause 31]**

<b>Name</b>	David Peterson
<b>Role in CRC</b>	Business Manager
<b>Address</b>	Level 5, 340 Albert Street, East Melbourne, Vic. 3002
<b>Telephone</b>	(03) 9412 9696
<b>Facsimile</b>	(03) 9416 3717
<b>e-mail</b>	<u><a href="mailto:david.peterson@bushfirecrc.com">david.peterson@bushfirecrc.com</a></u>