

Reference: 20120538



6 September 2012

Joshua Grainger
fyi-request-488-35f13c3b@requests.fyi.org.nz

Dear Joshua Grainger

Thank you for your Official Information Act request, received on 13 August 2012. You requested the following:

- ** a copy of the contract between PaperKite and the Treasury to develop the 2012 Budget App*
- * if it is not revealed in the contract, or the contract is withheld, who owns the source code for the Budget 2012 App, and*
- * if the contract is withheld, whether the contract contains any terms that would prohibit the disclosure of the source code to third parties."*

Information Being Released

Please find enclosed the following document:

Item	Date	Document Description
1.	30 April 2012	Budget 2012 App PaperKite Contract

I have decided to release the document listed above, subject to information being withheld under one or more of the following sections of the Official Information Act, as applicable:

- personal contact details of officials and suppliers, under section 9(2)(a) – to protect the privacy of natural persons, including deceased people, and
- commercially sensitive information, under section 9(2)(b)(ii) – to protect the commercial position of the person who supplied the information, or who is the subject of the information.

While The Treasury owns the NZ Budget App source code, we consider its release would potentially cause competitive disadvantage to its developer and to release the code would have implications for the ability to attract developers in the future and the cost of doing so.

Of greater concern is that release of the code could cause significant security risks to the integrity of the Budget app, as well as premature release of future Budget material, which potentially could be market-sensitive. This is something we are particularly conscious of given last Budget attempts were made to infiltrate servers and reverse engineer the Budget app to gain early access to Budget-sensitive information. Accordingly, and further to my reply to your earlier request, we are also withholding the source code under s.9(2)(k) of the Official Information Act – to prevent the disclosure or use of official information for improper gain or advantage.

In making my decision, I have considered the public interest considerations in section 9(1) of the Official Information Act.

This fully covers the information you requested.

You have the right to ask the Ombudsman to investigate and review my decision.

Yours sincerely



Colin Hall
Manager, Fiscal Management



THE TREASURY
Kaitohutohu Kaupapa Rawa

Contract for Services

Development of Budget 2012 App for Mobile Devices

The Parties

The Treasury

(Buyer)

1 The Terrace, Wellington

P O Box 3724, Wellington 6140

and

Paper Kite Limited

(Supplier)

Registered Office: 26 Beach Street, Island Bay, Wellington, 6023, New Zealand

Alternate address: 25 – 29 Pirie Street, Mt Victoria, Wellington, 6001

The Contract

Agreement

The Buyer appoints the Supplier to deliver the Services described in this Contract and the Supplier accepts that appointment. This Contract sets out the Parties' rights and obligations.

The documents forming this Contract are:

- | | |
|---|------------|
| 1. This page | Page 1 |
| 2. Contract Details and Description of Services | Schedule 1 |
| 3. Standard Terms and Conditions | Schedule 2 |
| GMC Form 1 SERVICES Schedule 2 (2nd Edition) available at: www.procurement.govt.nz | |
| 4. Any other attachments described at Schedule 1. | |

How to read this Contract

5. Together the above documents form the whole Contract.
6. Any Supplier terms and conditions do not apply.
7. Clause numbers refer to clauses in Schedule 2.
8. Words starting with capital letters have a special meaning. The special meaning is stated in the Definitions section at clause 17 (Schedule 2).

Acceptance

In signing this Contract each Party acknowledges that it has read and agrees to be bound by it.

For and on behalf of the **Buyer**:

For and on behalf of the **Supplier**:

(signature)

(signature)

name: Fergus Welsh

name: Nic Gibbens

position: Chief Financial Officer

position: Director, Paper Kite Limited

date:

date:

Schedule 1

Contract Details and Description of Services

Start Date	20 April 2012	Reference Schedule 2 clause 1	
End Date	31 August 2012	Reference Schedule 2 clause 1	
Contract Managers Reference Schedule 2 clause 4	Buyer's Contract Manager	Supplier's Contract Manager	
	Name:	Colin Hall	Nic Gibbens
	Title / position:	Manager, Fiscal Management	Director, Paper Kite Limited
	Address:	1 The Terrace PO Box 3724 Wellington 6140	25 – 29 Pirie Street, Mt Victoria, Wellington 6001
	Phone:	917 6227	[Withheld under s.9(2)(a)]
	Fax:		
	Email:	colin.hall@treasury.govt.nz	nic@paperkite.co.nz
Addresses for Notices Reference Schedule 2 clause 14	Buyer's address	Supplier's address	
	For the attention of:	Colin Hall	Nic Gibbens
	c.c. Contract Manager		
	Delivery address:	1 The Terrace Wellington 6140	25 – 29 Pirie Street, Mt Victoria, Wellington 6001
	Postal address:	PO Box 3724 Wellington 6140	25 – 29 Pirie Street, Mt Victoria, Wellington 6001
	Fax:		
	Email:	colin.hall@treasury.govt.nz	nic@paperkite.co.nz

Description of Services

Context

The Treasury wishes to launch an application for the 2012 New Zealand Budget ("App") that can be downloaded from app stores for iOS and android smartphones and tablet computers. The overarching requirement of the Services is to develop an App for Budget 2012 that provides quick access to key Budget documents and other information that is:

- well designed, high-quality and professional, and
- simple, easy to navigate and provides an intuitive user experience.

The App is required to allow Budget information to be viewed from 2pm on 24 May 2012 ("Budget Day").

The security of Budget information is of critical importance and under no circumstances is it acceptable for Budget information provided to, or obtained by, the Supplier to be accessed by third parties or for release of the Budget information on the App to occur prior to 2pm on 24 May 2012.

Description of Services

Design, development and release of a mobile device App for use on iPad, iPhone, Android tablets and Android Phones, as well as any necessary support and maintenance of the App once released.

The Supplier will provide the Services and deliver the Deliverables in accordance with the detailed requirements (including timeline, allocation of primary responsibilities, software requirements, and other requirements) set out in Appendix 1, including any amendments to, or clarifications of, Appendix 1 as may be made by the Buyer from time to time.

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Deliverables**1. Design and Development of the App**

The Supplier will develop for the Buyer a mobile device App (or Apps, if necessary to enable operability on all devices specified below) that:

- Displays Budget information in an intuitive, user friendly way on the following devices:
 - iPad
 - iPhone
 - Android Tablet
 - Android Phone
- Is free from bugs and errors
- Provides a platform for future development (i.e. data visualisation, improved interaction).

The Supplier will provide to the Buyer for approval:

- wireframes that demonstrate screen layout, content arrangement, interface elements and navigation systems, and how they work together, and
- final design and layout of all screens and elements.

The final Apps developed by the Supplier will reflect any feedback provided by the Buyer throughout the design and development phases.

2. Release of the App

The Supplier will manage the process to release the App. The key tasks the Supplier must complete are:

- Data management – refactoring and formatting of provided documents for use in each App and device.
- Testing – functional testing, UAT and regression testing.
- Managing the App Store approval and release process.
- The Apps, once developed, will be the property of the Treasury and to allow future development by a party other than the Supplier, the Buyer requires a clean and fully documented product. Completion of documentation can occur after Budget day but must be completed before final payment is made.

The final decision on the release of the App will be made by the Buyer once development of the App is complete and Budget information is available.

3. Support and maintenance of the App

The Supplier will provide technical support and maintenance in relation to the App for 30 days following the release of the App, including fixing errors that have been identified by the Buyer or the Supplier.

Performance standards

- The Supplier must perform the Services, and must complete the Deliverables, consistent with the requirements of this Contract (including Appendix 1) within the timeframes specified by the Buyer.
- The Supplier will communicate with the Buyer's Contract Manager any issues that may affect the Deliverables or timeline and will provide regular feedback on progress.
- The Supplier will take all reasonable steps to ensure the developed Apps are free from bugs and errors.
- The Supplier will take all reasonable steps to prevent any early release of Budget information (before 2pm 24 May 2012).
- The Supplier will resolve any issues identified post-release in a timely manner.

Specific code of conduct

Early release of Budget 2012 information to the general public is an extremely serious issue which may severely impact the Treasury and the Minister of Finance. All reasonable steps must be taken by the Supplier to prevent any early release of Budget 2012 information. This includes ensuring that all Budget 2012 documents and data provided by the Buyer under this Contract are kept in a locked cabinet when not being worked with.

Supplier's Reporting Requirements Reference Schedule 2 clause 5	Report to:	Type of report	Due date
	Contract Manager	Interim Progress Reports	As requested by the Buyer
	Written Project Completion Report including full documentation of the Product.	By 7 June 2012	

CHARGES: The following section sets out the Charges. Charges are the total maximum amount payable by the Buyer to the Supplier for delivery of the Services. Charges include *Fees*, and where agreed, *Expenses* and *Daily Allowances*. The Charges for this Contract are set out below.

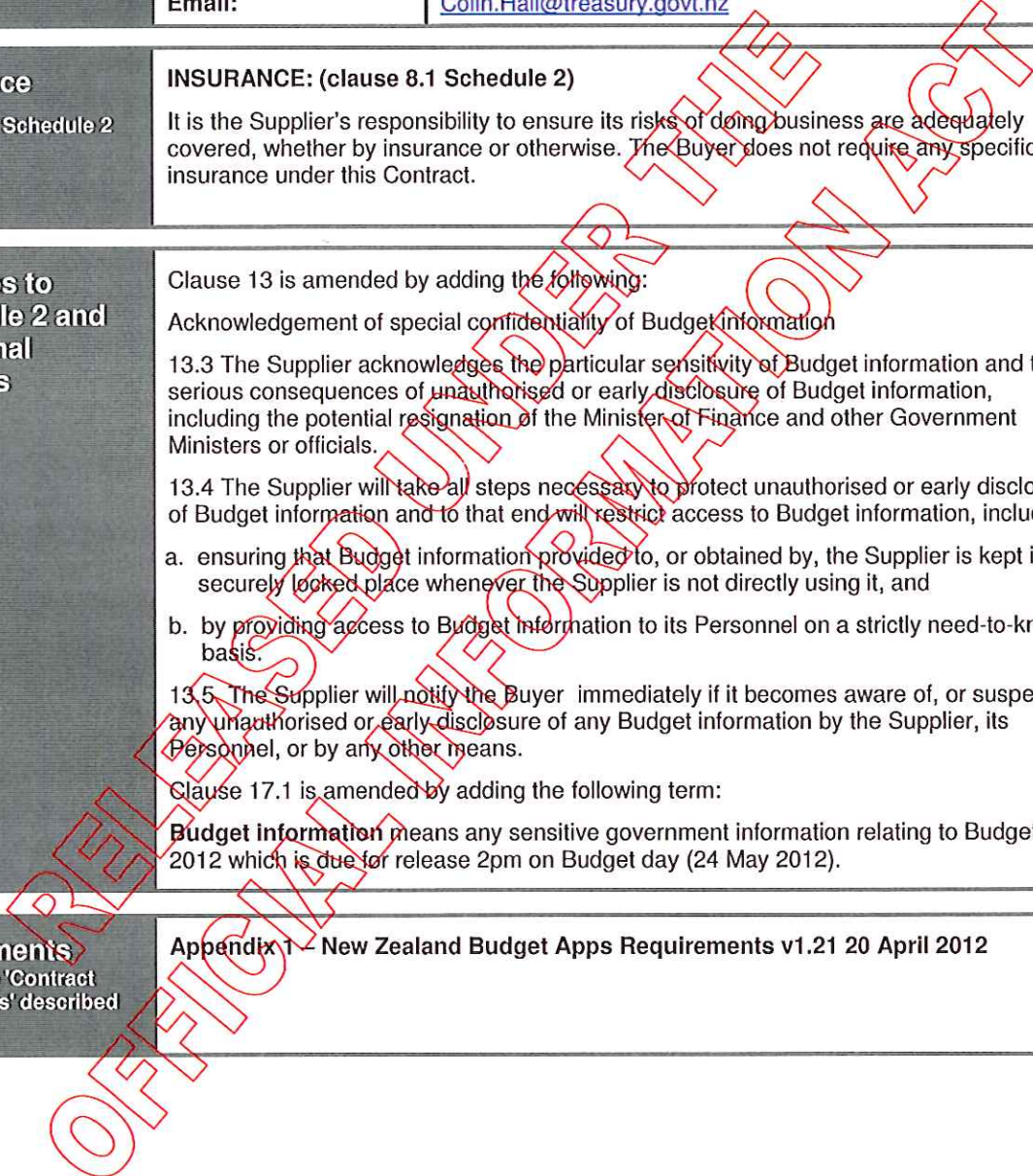
Fees Reference Schedule 2 clause 3	The Supplier's Fees will be calculated as follows: Fixed Fee A fixed fee of \$55,380 excluding GST to be paid as follows: 30% on commencement of the Services (\$16,614 excluding GST). 60% on completion of the Services (\$33,228 excluding GST). 10% when the Apps have been accepted by the relevant 'app stores' (\$5,538 excluding GST). Following completion of the project, any ongoing maintenance and support that is necessary outside of the 30 day warranty will be managed on a time and materials basis. Fees for these one-off charges are: [Withheld under s.9(2)(b)(ii)]
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Expenses Reference Schedule 2 clause 3	No Expenses are payable.
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Daily Allowance Reference Schedule 2 clause 3	No Daily Allowances are payable.
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Invoices Reference Schedule 2 Subject to clauses 3 and 11.7	The Supplier must send the Buyer an invoice for the Charges at the following dates subject to completion of the relevant Milestones.															
	<table border="1"> <thead> <tr> <th>Milestone</th> <th>Due date</th> <th>Amount due (excl. GST)</th> </tr> </thead> <tbody> <tr> <td>1. Commencement of the Services</td> <td>Date of signing contract by both Parties</td> <td>\$16,614</td> </tr> <tr> <td>2. Completion of the Services</td> <td>24 May 2012 or on completion of required documentation</td> <td>\$33,228</td> </tr> <tr> <td>3. Approval by the Buyer and submission to the App Store</td> <td>24 May 2012</td> <td>\$5,538</td> </tr> <tr> <td colspan="2" style="text-align: right;">Total (excl GST)</td> <td>\$55,380</td> </tr> </tbody> </table>	Milestone	Due date	Amount due (excl. GST)	1. Commencement of the Services	Date of signing contract by both Parties	\$16,614	2. Completion of the Services	24 May 2012 or on completion of required documentation	\$33,228	3. Approval by the Buyer and submission to the App Store	24 May 2012	\$5,538	Total (excl GST)		\$55,380
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Total (excl GST)		\$55,380														

Address for invoices Reference Schedule 2 clause 3	Buyer's address	
	For the attention of:	Colin Hall
	Physical address:	1 The Terrace Wellington 6140
	Postal address:	PO Box 2724 Wellington 6140
	Email:	Colin.Hall@treasury.govt.nz
Insurance Reference Schedule 2 Clause 8.1	INSURANCE: (clause 8.1 Schedule 2) It is the Supplier's responsibility to ensure its risks of doing business are adequately covered, whether by insurance or otherwise. The Buyer does not require any specific insurance under this Contract.	
Changes to Schedule 2 and additional clause/s	Clause 13 is amended by adding the following: Acknowledgement of special confidentiality of Budget information 13.3 The Supplier acknowledges the particular sensitivity of Budget information and the serious consequences of unauthorised or early disclosure of Budget information, including the potential resignation of the Minister of Finance and other Government Ministers or officials. 13.4 The Supplier will take all steps necessary to protect unauthorised or early disclosure of Budget information and to that end will restrict access to Budget information, including: a. ensuring that Budget information provided to, or obtained by, the Supplier is kept in a securely locked place whenever the Supplier is not directly using it, and b. by providing access to Budget information to its Personnel on a strictly need-to-know basis. 13.5 The Supplier will notify the Buyer immediately if it becomes aware of, or suspects, any unauthorised or early disclosure of any Budget information by the Supplier, its Personnel, or by any other means. Clause 17.1 is amended by adding the following term: Budget information means any sensitive government information relating to Budget 2012 which is due for release 2pm on Budget day (24 May 2012).	
Attachments Reference 'Contract documents' described at Page 1	Appendix 1 – New Zealand Budget Apps Requirements v1.21 20 April 2012	



Appendix 1

New Zealand Budget Apps Requirements v1.21 20 April 2012

Overview

The Treasury aims to launch a simple, professional NZ Budget app before Budget Day on 24 May 2012. Budget Day is the single most important date in the calendar for the Minister of Finance: a professional, accurate product is essential. We wish to create an asset that can be developed in future, so a clean and documented product (tidy up and documentation can occur post-Budget Day) is an important part of the final product.

What the apps will not do

We do not intend the apps that will be released in time for this year's Budget to collect user information of any kind, or display non-static or interactive charts.

In future, interactive charting is likely and we anticipate this being developed on this platform.

Important Message on early release Budget 2012

Early release of Budget 2012 to the general public is an extremely serious issue which may force the resignation of the Minister. It is essential that all reasonable steps be taken by the developer to prevent early release of Budget 2012 information occurring.

Timeline

This is a draft timeline, to be confirmed:

Date	Event
20/4/12	Style guide to be provided to the Supplier ("developer")
20/4/12	Commence iTunes account set up for Treasury [contact: colin.hall@treasury.govt.nz]
23/4/12	Budget 2011 documents provided to developer
24/4/12	Wireframes finalised, signed off
27/4/12	Design elements signed off
10/5/12	iPhone, iPad apps signed off and submitted to iTunes
16/5/12	Access to secure room at Treasury
19/5/12	Final Budget 2012 documents made available; conversion to apps format commences
21/5/12	Android apps signed off and submitted
22/5/12	Go/no go decision made; if go, apps released for download, PR/announcements made
24/5/12 (after 2pm)	BUDGET 2012: data released, app goes live with Budget 2012 data, PR goes out, live updating of content
Early June	Final handover of documented, clean code to Treasury

24 May 2012 2pm sharp: release of first information on Budget 2012

- The Buyer will advise the Supplier the details of exact timing of document release. It is likely the full Budget and Executive Summary will go live at 2pm on 24/5, and the Budget speech will go live at around 2:50pm.

Allocation of Primary Responsibilities

Task	Description	Allocation
Become a government-approved contractor	[Whether this is necessary is to be confirmed]	[Treasury to confirm]
Provide Budget 2011, Budget 2012 docs	Documents to use as data for development of the application for Budget 2012	Treasury/Matthew Burgess ("MB")
Applications requirements	A description of what the applications need to do. Anticipate a couple of rounds of iteration with developers to get all decisions made and resolve ambiguity	MB to draft, feedback from developer
Applications development		Developer
Design	<p>"Style guide" means logo design, colour selection, font selection and is already set</p> <p>"Implementation of design" means the design and creation of icons, the application of fonts and colours, page design</p>	<p>Treasury to provide style guide</p> <p>Implementation of design by developer</p>
Testing	<p>All apps must be well-tested prior to release using Budget 2011 data.</p> <p>Internally, and near to but before launch date, we must also be able to securely test all apps using Budget 2012 data.</p> <p>The developer should provide a bug-tracking system to be made available to testers in and outside the development team.</p>	<p>Developer to provide bug testing process</p> <p>Developer + Treasury to provide testers</p>
Submission of app to Apple, Android	After Treasury signoff, do submission, run process, feedback from Apple/Android. Should occur on or around 10 May 2012.	Developer
Data conversion	Convert words and images provided in Word, pdf and possibly Excel format into app-compatible objects	Developer
Hosting	Whether the application's data will be hosted. [Possibly require primary and secondary server for failover]	[To be decided, either Treasury or developer]
Server backup	Host server should be backed up. Nothing	[Provider of server]

	fancy but should be effective.	responsible]
Failover management	Arrangement for a recovery server to take over should be in place. Manual failover (i.e. not automated) is fine because we will be continuously checking the system is operating on the day and in the subsequent days.	[Provider of server responsible]
Links to video, audio	As video, audio becomes available for inclusion in the applications, links will need to be provided.	Treasury/MB
App code documentation	Documentation, tidy up of the code and delivery to Treasury 1-2 weeks after Budget Day	Developer
Locating new data on Budget day and days following	As new media, video, audio is produced around the web, links and copy will have to be collected for inclusion in the app in a timely way.	Treasury/MB
Administering upload of new data	Collected data to be made available to the app.	[To be decided]
Video and audio hosting		[Treasury/MB, to be confirmed]
Write App Terms and Conditions		Treasury/MB
App communications and promotion		Treasury/MB Developer of course free to promote and talk about the app conditional on go decision.
Set up a dedicated Treasury email address	To be displayed on the About page. To be used for feedback or bug reports from users.	Treasury/MB

Software Requirements

Supported Platforms

- iPad
- iPhone
- Android tablet
- Android phone

The Apps

The Treasury prefers simple, professional, functional application that follows standard navigation and functional protocols.

Tablet: iPad, Android tablet

Pages:

Page	Description
<p>Splash screen</p>	<p>Appears for the standard amount of time and only when application is launched</p> <p>Not interactive; not pinch zoomable</p> <p>Each time apps are launched prior to 2pm 24 May 2012, prior to release of Budget 2012 data, should display a pop up message to user: Budget 2012 will be released shortly at 2pm on 24 May 2012. Refresh or relaunch this app at that time for the full Budget 2012 release.</p>
<p>Key Points</p>	<p>Displays a series of static images (number to be determined late: probably between 10 and 25 but uncertain)</p> <p>Static images to be sourced from Budget docs or provided in spreadsheets</p> <p>Each image is accessed by swiping right to left</p> <p>Pinch zoomable</p> <p>Not searchable (image only, no text to search for)</p> <p>Most or all text on graphic should be readable without zooming</p>
<p>Executive Summary</p>	<p>Displays the Executive Summary document</p> <p>Document contents to be held in HTML format.</p> <p>Text on page should be searchable</p> <p>Pinch zoomable</p> <p>Subject to your feedback, all text on a single scrolling page</p>
<p>Full Budget</p>	<p>Per p. 2 of the proposal from Paperkite, produces an index screen showing various reports.</p> <p>Document may be delivered to developer in pdf format, not HTML. This page will be loaded as a pdf in the app. This should be seamless (no pdf doc sign appears, no sense of leaving the application – the page should just display seamlessly). Ideally, the pages will display as they downloads i.e. user can start read straight</p>

Page	Description
	<p>away.</p> <p>Navigation would be helpful if possible – it will be a very long doc, and so a way to go directly to a section would be helpful, if this can be easily achieved.</p> <p>Text on page should be searchable</p> <p>Pinch zoomable</p> <p>Subject to your feedback, all text on a single scrolling page</p>
Budget Speech	<p>Release of the Budget speech can only occur after it has been delivered by the Minister, at about 2pm. Other documents can go live at 2pm. Presumably the best way to handle this is for Budget Speech to appear as a separate page to be made available later in the day.</p>
Media Releases	<p>Official Budget 2012 press releases, exact content to be decided [Treasury policy may limit what we can put out, but we'll work out what should be listed on this page and send to you]</p> <p>Documents may be delivered to developer in pdf or Word format, probably Word</p> <p>Text on page should be searchable</p> <p>Press releases should be shown under expandable headers (see slides handed out)</p> <p>Pinch zoomable</p> <p>Sorting: most recently-dated release appears at top</p> <p>When this page is selected, the page should search for updated material and download it and display it if the page content has changed.</p>
Budget Video	<p>See slides handed out for design details. The page will at a minimum display pre-recorded statements by DPM, PM and the Budget speech itself.</p> <p>The page should be able to support multiple videos.</p> <p>The page should support audio clips.</p> <p>Videos should have the usual behaviour when played. Display full screen should be an option or by default.</p> <p>Pinch zoomable when not playing video or audio</p>

Page	Description
	<p>Sorting: most recently-dated video appears at top</p> <p>Content for this page will be provided by Treasury/MB, either in the form of a html link to content, or actual video files (unlikely, will be confirmed nearer the time). Responsibility for getting it displayed will be the developer's.</p>
Budget Blogs	<p>[This page may be not developed if we do not have rights to capture and display blog content – to be advised]</p> <p>Displays blogs on Budget stories. Treasury/MB to provide links to blogs.</p>
Links	<p>Provides simple html links to various Budget related outlets.</p> <p>Treasury/MB to provide categorised links.</p> <p>Likely to be updated with new links on the day.</p>
About	<p>Displays Treasury logo</p> <p>Application version number</p> <p>Developer name and logo</p> <p>Copyright notice</p> <p>[Assuming this is standard: Link to Terms and Conditions. Clicking this link produces a scrollable messagebox popup within the application which can be scrolled and dismissed.]</p> <p>This page should display a note on how to get data as its released on Budget Day.</p> <p>Contact Us info.</p>

Functionality

Generally, all pages:

- Are pinch zoomable
- Can select and copy all page text, but not write or change it
- Scroll vertically, except Key Points page which scrolls horizontally
- support horizontal orientation only
- When pages are selected, page should search for updated material for that page and download it and display it if the page content has changed.
 - For large data downloads, possible to a) warn the user of a download will exceed 5Mb (if any do), and b) either have a progress bar display during download or make the downloaded parts of a document immediately available?

- Pages have a Refresh button, which loads new data if and only if the data for that page has been updated
 - For large data downloads, possible to a) warn the user of a download will exceed 5Mb (if any do), and b) either have a progress bar display during download or make the downloaded parts of a document immediately available?

Phone: iPhone, Android phone

Pages:

Page	Description
<p>Splash screen</p>	<p>Appears for the standard amount of time for a tablet app only when application is launched</p> <p>Not interactive; not pinch zoomable</p> <p>Prior to release of Budget 2012 data, should display a pop up message to user: Budget 2012 will be released at 2pm on 24 May 2012. Refresh or relaunch this app at that time for the full Budget 2012 release.</p>
<p>Key Points</p>	<p>Displays a series of static images (number to be determined late: probably between 10 and 25 but uncertain)</p> <ul style="list-style-type: none"> • Static images for phones may need to be different than for tablet – simpler and cleaner <p>Static images to be sourced from Budget docs or provided in spreadsheets</p> <p>Each image is accessed by swiping right to left</p> <p>Pinch zoomable</p> <p>Not searchable (image only, no text to search for)</p> <p>Most or all text on graphic should be readable without zooming</p>
<p>Executive Summary</p>	<p>Displays the Executive Summary document</p> <p>Document contents to be held in HTML format.</p> <p>Text on page should be searchable</p> <p>Pinch zoomable</p> <p>Subject to your feedback, all text on a single scrolling page</p>
<p>Media Releases</p>	<p>All official Budget 2012 press releases</p> <p>Documents may be delivered to developer in pdf or Word format,</p>

	<p>probably Word</p> <p>Text on page should be searchable</p> <p>Press releases shown under expandable headers (see slides handed out)</p> <p>Pinch zoomable</p> <p>Sorting: most recently-dated release appears at top</p>
<p>Budget Video</p>	<p>See slides handed out for design details. The page will at a minimum display pre-recorded statements by DPM, PM and the Budget speech itself.</p> <p>The page should be able to support multiple videos.</p> <p>The page should support audio clips.</p> <p>Videos should have the usual behaviour when played. Display full screen should be an option or by default.</p> <p>Pinch zoomable when not playing video or audio</p> <p>Sorting: most recently-dated video appears at top</p>
<p>Links</p>	<p>Provides simple html links to full Budget documents</p> <p>Provides simple html links to various Budget related outlets.</p> <p>Treasury/MB to provide categorised links.</p> <p>Likely to be updated on the day</p>
<p>About</p>	<p>Displays Treasury logo</p> <p>Application version number</p> <p>Developer name and logo</p> <p>Copyright notice</p> <p>[Assuming this is standard: Link to Terms and Conditions. Clicking this link produces a scrollable messagebox popup within the application which can be scrolled and dismissed.]</p> <p>This page should display a note on how to get data as its released on Budget Day.</p> <p>Contact Us info.</p>

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- When pages are selected, page should search for updated material for that page and download it and display it if the page content has changed.
 - For large data downloads, possible to a) warn the user of a download will exceed 5Mb (if any do), and b) either have a progress bar display during download or make the downloaded parts of a document immediately
- Pages have a Refresh button, which loads new data if and only if the data for that page has been updated
 - For large data downloads, possible to a) warn the user of a download will exceed 5Mb (if any do), and b) either have a progress bar display during download or make the downloaded parts of a document immediately available?

Data Model

The app will not carry data but will ask local servers for data. Before 2pm 24 May 2012, servers will host Budget 2011 information.

- Budget 2011 information may be removed after Apple submission process is completed and before the app goes live. In this case the app when downloaded would have notices explaining why it is showing no data.

Downloaded data persists on the app until updated.

When a page loads in the app, the app displays downloaded content, and then checks in the background for an updated version of content. If new content is available then the page will automatically update.

Downloads (including updates) of more than 5mb (other than video or audio) should require a user prompt when user is not on wifi and tell user how large the download is, if possible.

Hosting

Data will be hosted on server(s) that are either run by Treasury or developer or a third party.

Server will need to be able to detect the type of device request access: different devices will be delivered different content.

Depending on whether the server is run by Treasury, or developer or third party, Budget 2012 documents will not be able to be loaded onto that server until 2pm on 24 May 2012. This is discussed further in the security section.

Require a primary and secondary server for failover Discussed in Failover section below.

Backup

Servers should be backed up. However, in view of the limited timeframe this application will be used, a very simple solution (e.g. copy all files to a USB every hour or so) may be sufficient.

Failover

[To discuss: valuable to have the app store two server IP addresses (primary, secondary) so that should the primary go down the app will automatically check a secondary server]

Timeframe for support

[To be decided, but we anticipate limited demand for the app after 1 July 2012, and so may suspend download of the app in iTunes/Android stores and close off database support some time after that]

Notes

- It is likely one or more Budget 2012 documents will need to be updated on the server at the last day or so (and possibly after launch), as final checks discover irregularities
- Paper slides provided in early consultation are guides only to the basic functionality of the system – do not feel bound by them. In particular, the navigation setup (permanent left hand menu) in those slides is probably inefficient.
- Go/no go decision (around May 22) will be based mostly on the anticipated likelihood of a successful (error-free) rollout and launch of the app. **Until go/no go is decided, it is important to keep development of the application secret.**
- Please do not infringe copyright or patent in the development of any part of these applications.
- Important that images are crisp (especially for Key Points images) and remain crisp at reasonable levels of zoom required to read smaller text. This may mean for some images reproducing parts of them.
- Please anticipate an insistence on a high standard in the final product. We are aiming for a simple but professional finish.
- We will do everything possible to minimise changes in design decisions after finalisation of this requirements document, but please understand changes may be requested after this document is finalised and please work with us within reason.

Other Issues

Security

Development of the app will occur using Budget 2011 data, which has no security issues.

On or around 19 May, Budget 2012 documents will be finalised, and copies of these documents will be made available to the developer around this time.

At this time, the developer will then need to prepare this information for use in the developed apps.

To be able to receive this Budget sensitive data, our understanding is the developer, or at least all those people who will have access to Budget sensitive data, will need to

- a) sign a security contract in which you agree not to disclose Budget sensitive data.
- b) Access data in a secure room in Treasury

Once the data is prepared for use in apps, and the apps have been tested (in a secure environment), then the Budget 2012 data will then need to be moved to live servers. Precisely when this occurs depends on who's server is hosting:

- If it is the developer's server (or a third party's), then this data can only be moved on to that server at or after 2pm on 24 May 2012
- If Treasury's, the data can be moved on the Treasury server prior to 2pm on 24 May 2012. Treasury will then make that data publicly available at the specified time.