

**GAWLER RIVER FLOODPLAIN MANAGEMENT AUTHORITY**

**NOTICE OF MEETING**

Notice is hereby given pursuant to Clause 6.9 of the Charter that the Ordinary Meeting of the Gawler River Floodplain Management Authority Board has been called for:

**DATE: Thursday, 13 June 2019**

**TIME: 9.45 AM**

**PLACE: The Barossa Council, 43-51 Tanunda Road, Nuriootpa SA**

A handwritten signature in black ink, appearing to read 'David Hitchcock', with a long horizontal flourish extending to the right.

David Hitchcock  
EXECUTIVE OFFICER

**GAWLER RIVER FLOODPLAIN MANAGEMENT AUTHORITY****ORDINARY MEETING****AGENDA****9.45 am Thursday 13 June 2019****The Barossa Council, 43-51 Tanunda Road, Nuriootpa SA****1. MEETING OF THE BOARD**

- 1.1 Welcome by the GRFMA Chairperson
- 1.2 Present. (Please sign the Attendance Register).
- 1.3 Apologies. (Mr. M Salver)
- 1.4 Appointment of Observers.
- 1.5 Declarations of Interest.

**2. CONFIRMATION OF MINUTES**

- 2.1. GRFMA Ordinary Meeting minutes 18/04/19..... Page 4
- 2.2. Actions on previous resolutions .....Page 12
- 2.3. Matters arising from Minutes.

**3. QUESTIONS ON NOTICE**

Nil

**4. MOTIONS ON NOTICE**

Nil

**5. PRESENTATIONS**

Mr. Andrew Northfield, Senior Water Resources Engineer, HARC – regarding findings of the Bruce Eastick North Para Flood Mitigation Dam - Dambreak and Consequence Assessment. Via Teleconference.

**6. AUDIT COMMITTEE**

Minutes of meeting held 3/6/19.....Page 14

**7. TECHNICAL ASSESSMENT PANEL**

Nil

**8. REPORTS**

- 8.1 Bruce Eastick North Para Flood Mitigation Dam - Dambreak and Consequence Assessment.....Page 18**
- 8.2 Financial Report ..... Page 19**
- 8.3 Northern Floodway Project.....Page 20**
- 8.4 GRFMA Business Plan 2019 - 2022..... Page 22**
- 8.5 GRFMA Budget 2019 – 2020..... Page 24**
- 8.6 Achievements against the Business Plan.....Page 27**
- 8.7 Bruce Eastick North Para Flood Mitigation Dam- Deflection Survey Report.....Page 28**

**9. CORRESPONDENCE**

9.1 Adelaide Plains Council - Encouraging GRFMA to attend the 2020 Floodplain Management Australia National conference and to also apply for membership of Floodplain Management Australia. -Attachment

**10. CONFIDENTIAL**

10.1 Lower level Outlet Pipe Bruce Eastick North Para Flood Mitigation Dam....Page 30

10.2 GRFMA Audit Committee – Appointment of External Auditor 2019-2024....Page 31

**11. URGENT MATTERS WITHOUT NOTICE**

**12. NEXT MEETING**

**Date**

**Host Council**

**Thursday 15 August 2019, Town of Gawler:  
Meeting to commence at 9.45am.**

**13 CLOSURE**

**2.1 GRFMA Ordinary Meeting minutes 18/04/19**

**RECOMMENDATION**

**That the Minutes of the Gawler River Floodplain Management Authority Board Meeting held 18/04/19 be confirmed as a true and accurate record of that meeting.**

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Refer to attachment.

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**M E E T I N G M I N U T E S**


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Committee           **Gawler River Floodplain Management Authority**  
Held On               **Thursday 18 April 2019 at 9.45 am**  
Location              **Adelaide Hills Council, Gumeracha**

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**WELCOME**

*Mr Ian Baldwin formally welcomed Board Members, Deputy Board Members, Observers and the Executive Officer and opened the 111<sup>th</sup> meeting of the Board.*

**PRESENT**

*Mr Ian Baldwin, Independent Board Member, Chair  
Cr Malcolm Herrmann, Adelaide Hills Council, Board Member  
Mr Marc Salver, Adelaide Hills Council, Deputy Board Member  
Mr James Miller, Adelaide Plains Council, Board Member  
Cr Terry-Anne Keen, Adelaide Plains Council, Board Member  
Mr Gary Mavrinac, The Barossa Council, Board Member  
Cr Russell Johnstone, The Barossa Council, Deputy Board Member  
Cr Paul Koch, Town of Gawler, Board Member  
Cr William Close, Light Regional Council, Board Member  
Mr Andrew Philpott, Light Regional Council, Deputy Board Member  
Cr Stephen Coppins, City of Playford, Board Member  
Mr Greg Pattinson, City of Playford, Deputy Board Member  
Mr David Hitchcock, Executive Officer*

<b>GRB 19/14 Observers</b>
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**Moved: Cr T Keen                      Seconded: Cr P Koch**

**That Cr John Lush, Adelaide Plains Council, be appointed as Observer.**

**CARRIED**

**APOLOGIES**

*Mr. Brian Carr, Light Regional Council, Board Member  
Cr Kelvin Goldstone, Town of Gawler, Deputy Board Member  
Mr Sam Dilena, Town of Gawler, Board Member  
Mayor Bim Lange, Barossa Council, Board Member  
Mr Ben DeGilio, Town of Gawler, Deputy Board Member*

Mr. G Pattinson declared a Material Conflict of Interest in Item 8.2 as he is a current member of the GRFMA Audit Committee.

**GRB 19/15 Minutes of the 07/02/19 GRFMA meeting**

Moved: Mr. J Miller                      Seconded: Mr. M Salver

That the Minutes of the Gawler River Floodplain Management Authority Board meeting held 07/02/19 be confirmed as a true and accurate record of that meeting.

**CARRIED**

**GRB 19/16 Minutes of the 21/03/19 GRFMA Special Meeting**

Moved: Cr. T Keen                      Seconded Cr. S Coppins

That the Minutes of the Gawler River Floodplain Management Authority Board Special Meeting held 21/03/19 be confirmed as a true and accurate record of that meeting.

**CARRIED**

**GRB 19/17 Motion on Notice**

Moved: Cr. M Herrmann                      Seconded Cr. W Close

That the GRFMA receive the Motion on Notice from the Adelaide Plains Council.

**CARRIED**

**GRB 19/18 Depreciation**

Moved: Cr. M Herrmann                      Seconded Mr. G Mavrinac

That the GRFMA request the Executive Officer to invite constituent council financial management staff and GRFMA CEO (or delegate staff) Board Members to a workshop to consider principles as they may apply to depreciation and management of GRFMA assets such as the Bruce Eastick Dam and the Northern Floodway project and to specifically consider:

1. Policy principles and legislative considerations for funding of depreciation;
2. Options for funding depreciation;
3. Risk associated with not funding depreciation; and
4. Contribution to and value of the Bruce Eastick Dam and the Northern Floodway project to both State and National community safety and economic outputs.

**CARRIED**

<b>GRB 19/19 Minutes of the 15/3/19 GRFMA Audit Committee Meeting</b>
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**Moved: Cr. M Herrmann**

**Seconded Mr. G Mavrinac**

**That the Minutes of the 15/3/19 GRFMA Audit Committee Meeting be confirmed as a true and accurate record of that meeting.**

**CARRIED**

Charter Review

The Meeting noted that this phase of the Charter Review was ‘administrative’ as the shorter-term action: and following completion of the Charter Review a further process to scope and consider other contemporary governance arrangements is to be undertaken. (GRB 18/64)

The Meeting considered item 8.1 Charter Review and discussed the following items on a consensus of agreement approach.

<b>Clause</b>	<b>Detail</b>	<b>Action</b>	<b>Agreed process</b>
General	What extent of Direction or Regard, within the Charter, should the GRFMA have in relation to Development Application referrals from Councils	<i>Board Support</i>	<i>Include in 3.1 a function to consider relevant Development Application referrals Via Technical Assessment Panel. Process to undertake to be identified in a Charter Appendix.</i>
3.1	Purpose and Functions of the Authority	<i>As Above</i>	<i>As above</i>
4.3.11	New options Board Members <ul style="list-style-type: none"> <li>○ Council CEO plus Deputy and Elected Member plus Deputy</li> <li>○ Council CEO or nominee and Elected Member plus Deputy</li> </ul>	<i>Board Support with amendment</i>	<i>Amendment: Council CEO or nominee plus Deputy and Elected Member plus Deputy</i>
4.4	Amended clause 4.4 (previously clause 4.5) relating to the Chairperson on the following basis: <ul style="list-style-type: none"> <li>• The Constituent Councils will appoint the Chairperson for a term of up to three years and on such terms and conditions as determined by the Constituent Councils. The Authority may at the expiry of the Chairperson’s first term of office as Chairperson appoint the Chairperson for a further term of up to three years on the same terms and conditions as the Chairperson’s original appointment.</li> </ul>	<i>Board Support with amendment</i>	<i>Leave as is with following amendment <u>The Authority may at the expiry of the Chairperson’s term of office as Chairperson appoint the Chairperson for a further term of up to three years on the same terms and conditions as the Chairperson’s original appointment.</u></i>

	This proposed amendment does not deal however with a Chairperson being appointed for a third term or any term thereafter.		
8.4.2	In respect of an overdraft facility or facilities up to a maximum amount of \$#####; or	<i>Board Support with amendment</i>	Amendment: <i>Reference to overdraft limits and borrowings management to be included in the GRFMA Treasury Management Policy</i>
8.5.2	In respect of borrowings (not overdraft) Options 1. Must be drawn down within a period of ## months from the date of approval 2.. Must be drawn down within a period as determined by the Board in respect of that project	<i>As Above (8.4.2)</i>	<i>As Above (8.4.2)</i>
General	Options for representatives from Other Agencies on the Board Clause 20 of Schedule 2, Part 2 of the Act provides that subject to the charter of a subsidiary, the membership of a board of management of a regional subsidiary will be determined by the constituent councils and may consist of or include persons who are not members of a council.	<i>Noted no Action</i>	It is possible for the Constituent Councils to appoint to the Board of the Authority persons from external bodies or agencies including State government.
General	Removal of a Board Member Including Chairperson Clause 20(3) of Schedule 2, Part 2 of the Act sets out the circumstances in which the office of a board member becomes vacant. One of those circumstances is if the board member is removed from office by the constituent councils	<i>Noted no Action</i>	It is not possible for the Authority to remove a Board Member (including the Chairperson) from office and this would need to be a decision and power exercised by the Constituent Councils.
General	Addition of New Members The Authority is a regional subsidiary established pursuant to Section 43 of the Act. Section 43 of the Act enables two or more councils to establish a regional subsidiary. Clause 29 of Schedule 2, Part 2 of the Act provides that a council may with the approval of the Minister become a constituent council of a regional subsidiary.	<i>Noted no Action</i>	It is not possible for an entity not being a council to become a constituent council of a regional subsidiary. A regional subsidiary may only be established by councils. However, a regional subsidiary may enter into agreements



			including joint ventures with entities not being councils provided its charter allows it to.
Other Board Requirements	Audit Committee	<i>New inclusions</i>	<i>As per Detail column</i>
9.4	Include provision for existing practice of payment of Audit Committee Chair Honorarium		
9.4.53	Insert words to reflect Audit Committee function to consider Risk Management		

The meeting adjourned at 10.57 am at conclusion of discussion of clause 4.3.11

Mr. Greg Pattinson left the meeting during the break.

The meeting reconvened at 11. 12 am with discussion of clause 4.4

<b>GRB19/20 GRFMA Charter Review</b>
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**Moved: Mr. G Mavrinc**

**Seconded: Mr. M Salver**

**That the GRFMA**

- 1. Receive the final Draft GRFMA Charter Review document; and**
- 2. Request a copy of the final draft GRFMA Charter Review document, as amended, be provided to constituent councils for comment and support; and**
- 3. Reinforces to all constituent councils that it will, amongst other aspects and as a priority, commit to a further review of the charter during the 2019/20 financial year that examines percentage rate contributions for each council.**

**CARRIED**

<b>GRB 19/21 GRFMA Audit Committee Membership</b>
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**Moved: Mr. A Phillipott**

**Seconded: Cr. T Keen**

**That the term of appointment of GRFMA Audit Committee membership for Mr. Peter Brass and Mr. Greg Pattinson be extended until 30/06/20.**

**CARRIED**

<b>GRB 19/22 GRUMP (Gawler River UNHARMED Mitigation Project)</b>
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**Moved: Cr. T Keen**

**Seconded: Cr. P Koch**

**That the GRFMA Executive Officer liaise with Chief Executive Officer Board Members or delegates to establish representation on the Gawler River UNHARMED Mitigation Project (GRUMP) Project Steering Committee.**

**CARRIED**

The meeting noted that preferred delegates to be: M Salver, S Dilena, J Miller, A Phillpott and M Elding and B Austin (as the two Technical Assessment Panel representatives).

**GRB 19/23 Financial report**

Moved CR. W Close      Seconded: Mr. J Miller

That the GRFMA:

1. Receive the financial report as at 31 March 2019 showing a balance of total funds available \$100,390.62; and
2. Adopt the Budget Review documents March 2019 for the 2018/19 financial year.

CARRIED

**GRB 19/24 Northern Floodway Project**

Moved Cr. M Herrmann      Seconded: Cr. T Keen

That the GRFMA:

1. Express disappointment that the Northern Floodway Project, Building Better Regions (BBR) application has been deemed ineligible by the Department of Industry, Innovation and Science;
2. Request the Executive Officer to seek feedback from the Department in relation to ineligibility of the application.
3. Maintain progress of the Northern Floodway Project on the basis of firstly securing commitment from Federal and State Governments to fund in totality all capital costs, including the further design and development costs associated with the project: and
4. Endorse the Chairperson and Executive Officer initiating a program to lobby for political support for funding of the project in the lead up to the 18 May 2019 Federal Government election.

CARRIED

**GRB 19/25 Levee banks and priorities for improving flood management**

Moved Mr. G Mavrinac      Seconded: Cr. W Close

That the GRFMA endorse the submission on how dams and levee banks are managed to reduce the impacts of floods and priorities for improving flood management in South Australia.

CARRIED

**GRB 19/26 Bank Signatories Authority**

Moved Cr. M Herrmann      Seconded: Cr. R Johnstone

That the GRFMA:

1. Authorise Cr Terry-Anne Keen as a new signatory to operate on Bank SA account 101248140 in the name of the Gawler River Floodplain Management Authority; and
2. The previous authority for Mr. D Davey signature to operate the account be revoked.

**CARRIED**

**GRB 19/27 Landscape SA**

Moved Mr. M Salver      Seconded: Cr. S Coppins

That the GRFMA receive the Report.

**CARRIED**

The correspondence was noted.

**GRB 19/28 Revaluation of Bruce Eastick North Para Flood Mitigation Dam**

Moved Cr. M Herrmann      Seconded: Cr. S Coppins

That the GRFMA request the Executive Officer to facilitate revaluation of the Bruce Eastick North Para Flood Mitigation Dam by 30/6/19

**CARRIED**

**Closure of meeting**

The Chairperson thanked the Adelaide Hills Council for hospitality as host and wished everyone a safe and happy Easter. The next Ordinary Board Meeting will be held 9.45 am, Thursday 13 June 2019 at the Barossa Council

Meeting closed 12.14 pm.

**Confirmed Chairperson .....**

## 2.2 Actions on Previous Resolutions

Number	Resolution	Action
18/07	<p>That the GRFMA:</p> <ol style="list-style-type: none"> <li>1. Receive the report;</li> <li>2. Supports proposed development of a Levee Bank Management (Gawler River Floodplain) information and guideline document by the Adelaide &amp; Mt Lofty Ranges Natural Resources Management Board (AMLRNRMB);</li> <li>3. Requests the Executive Officer to initiate a meeting with Constituent Council planning and engineering staff and AMLRNRMB staff to facilitate adoption of: <ol style="list-style-type: none"> <li>a. a suitable and consistent Development Consent process (where appropriate) for applications for approval to undertake construction and maintenance of levee banks; and</li> <li>b. approved Best Practice Operating Procedures under the relevant Natural Resources Management Plans.</li> </ol> </li> </ol>	<p>Natural Resources AMLR are currently doing some preliminary investigations into a CRP for levee banks and other water affecting activities as part of the policy review.</p> <p>With the NRM Reform process it's difficult to give a firm indication of timelines</p>
19/10	<p>That the GRFMA:</p> <ol style="list-style-type: none"> <li>1. Note the report;</li> <li>2. Adopts the 2019-2022 draft GRFMA Business Plan and draft 2019/20 GRFMA Budget documents as amended; and</li> <li>3. Following receipt of Constituent Council feedback considers adoption of the GRFMA draft Business Plan and Annual Budget at the June 2019 meeting.</li> </ol>	<p>Refer Agenda Item 8.4 and 8.5</p>
19/13	<p>That the GRFMA Board:</p> <ol style="list-style-type: none"> <li>1. Receive and note the report;</li> <li>2. Endorse amendment of the draft 2019/20 GRFMA Budget to include the amount of \$70,000 capital works for repair to the Lower Level Outlet Pipe and Stilling Basin at the Bruce Eastick North Para Flood Mitigation Dam;</li> <li>3. Instruct the Executive Officer to investigate the failures identified in the SMEC report and seek a costing to commission the analysis of the design specification and execution of the works at the time of dam construction surrounding the lower level outlet pipe and stilling basin.</li> <li>4. That a report be brought back to the Authority on the likelihood of seeking recompense under any warranty or insurance claim, or any other claim against the constructor(s) that constructed the dam.</li> <li>5. Endorse the allocation (by way of a budget variation) of \$8,000 from the 2018/19 budget to commission investigations and seek recommendations on the repair of the stilling basin.</li> <li>6. Request the Executive Officer to provide a copy of the amended draft Budget to constituent councils, by 31 March 2019, for consideration and approval; and</li> <li>7. Following receipt of constituent council feedback considers adoption of the GRFMA draft Business Plan and Annual Budget at the June 2019 meeting.</li> </ol>	<p>Completed</p> <p>Refer Agenda item 10.1</p> <p>Refer Agenda item 10.1</p> <p>Not progressing due to sludge in basin</p> <p>Completed</p>

19/18	<p>That the GRFMA request the Executive Officer to invite constituent council financial management staff and GRFMA CEO (or delegate staff) Board Members to a workshop to consider principles as they may apply to depreciation and management of GRFMA assets such as the Bruce Eastick Dam and the Northern Floodway project and to specifically consider:</p> <ol style="list-style-type: none"> <li>1. Policy principles and legislative considerations for funding of depreciation;</li> <li>2. Options for funding depreciation;</li> <li>3. Risk associated with not funding depreciation; and</li> <li>4. Contribution to and value of the Bruce Eastick Dam and the Northern Floodway project to both State and National community safety and economic outputs.</li> </ol>	Meeting Scheduled for 24/7/19
19/20	<p>That the GRFMA</p> <ol style="list-style-type: none"> <li>1. Receive the final Draft GRFMA Charter Review document; and</li> <li>2. Request a copy of the final draft GRFMA Charter Review document, as amended, be provided to constituent councils for comment and support; and</li> <li>3. Reinforces to all constituent councils that it will, amongst other aspects and as a priority, commit to a further review of the charter during the 2019/20 financial year that examines percentage rate contributions for each council.</li> </ol>	In Progress
19/22	<p>That the GRFMA Executive Officer liaise with Chief Executive Officer Board Members or delegates to establish representation on the Gawler River UNHARMED Mitigation Project (GRUMP) Project Steering Committee</p>	Completed- First meeting held 1 May 2019
19/24	<p>That the GRFMA:</p> <ol style="list-style-type: none"> <li>1. Express disappointment that the Northern Floodway Project, Building Better Regions (BBR) application has been deemed ineligible by the Department of Industry, Innovation and Science;</li> <li>2. Request the Executive Officer to seek feedback from the Department in relation to ineligibility of the application.</li> <li>3. Maintain progress of the Northern Floodway Project on the basis of firstly securing commitment from Federal and State Governments to fund in totality all capital costs, including the further design and development costs associated with the project: and</li> <li>4. Endorse the Chairperson and Executive Officer initiating a program to lobby for political support for funding of the project in the lead up to the 18 May 2019 Federal Government election.</li> </ol>	<p>Completed - verbal report available</p> <p>Refer Agenda item 8.3</p>
19/28	<p>That the GRFMA request the Executive Officer to facilitate revaluation of the Bruce Eastick North Para Flood Mitigation Dam by 30/6/19</p>	In progress due 24/6/19

**6 GRFMA Audit Committee Meeting minutes 3/6/19**

**RECOMMENDATION**

**That the Minutes of the Gawler River Floodplain Management Authority Audit Committee Meeting held 3/6/19 be received.**

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Refer to attachment.

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**M I N U T E S**


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Committee      **GRFMA Audit Committee**

Held On        **10.15am**

**Monday 3 June 2019**

Location       **Meeting Room, LGA House 148 Frome Street, Adelaide**

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**PRESENT**

Mr Peter Brass, Independent Member, Chair  
 Mr Greg Pattinson, City of Playford  
 Cr Malcolm Herrmann, Adelaide Hills Council  
 Mr David Hitchcock, Executive Officer

**APOLOGIES**

Nil.

<b>GAC19/05      Minutes 15 March 2019</b>
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**Moved: Cr. M Herrmann    Seconded: Mr. G Pattinson**

**That the minutes of the previous GRFMA Audit Committee meeting held on Monday 15 March 2019 as per copies supplied to members be adopted as a true and correct record of that meeting.**

**CARRIED**

<b>GAC 19/06 External Audit Services</b>
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**Moved: Mr. G Pattinson    Seconded: Cr. M Herrmann**

**That the GRFMA Audit Committee receive the review of current external audit services performance.**

**CARRIED**

<b>GAC 19/07 2018/19 Budget Review 3</b>
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**Moved: Mr. Pattinson      Seconded: Cr. M Herrmann**

**That the GRFMA Audit Committee recommends the 2018/19 Budget Review 3 Profit and Loss Budget Analysis Documents May 2019 and the variances contained within it to the GRFMA Board for adoption as its amended and current budget for the period ended 30 June 2019**

**CARRIED**

**GAC 19/08 In confidential at 10.30 am**

**Moved: Cr. M Herrmann Seconded: Mr. G Pattinson**

Pursuant to Section 90(2) of the Local Government Act 1999, an Order is made that the public, excepting the Executive Officer, be excluded from attendance at the meeting, in order to consider in confidence agenda item 6.1, External Audit Services 2019-2024, under Section 90(3)(d) of the Local Government Act 1999 on the basis that:

(d) commercial information of a confidential nature (not being a trade secret) the disclosure of which— (i) could reasonably be expected to prejudice the commercial position of the person who supplied the information, or to confer a commercial advantage on a third party; and (ii) would, on balance, be contrary to the public interest;

This matter is confidential because it includes quotations for provision of services and requires determination of a suitable and preferred supplier.

On the basis of this information, the principle that meetings of the GRFMA Audit Committee should be conducted in a place open to the public has been outweighed in this instance: The Committee consider it necessary to consider this matter in confidence.

**CARRIED**

**GAC 19/09 External Audit Services 2019-2024**

**CARRIED**

The GRFMA Audit Committee considered quotations for conduct of external audit services for recommendation of preferred supplier to the GRFMA Board.

See separate confidential meeting minute.

**GAC 19/10 Out of confidential at 10.45am**

**Moved: Mr. Pattinson Seconded: Cr. M Herrmann**

Pursuant to Section 90(2) and Section 91(7) of the Local Government Act 1999, the GRFMA Audit Committee orders that the following aspects of item 6.1 External Audit Services 2019-2024 be kept confidential in accordance with the GRFMA Committee's reasons to deal with this item in confidence pursuant to section 90(3) (d) of the Local Government Act 1999:

- Report for Item 6.1.



- **Attachments for item 6.1.**

**This order shall operate until determination by the 13/6/19 GRFMA Ordinary Meeting, or otherwise determined by the GRFMA Board.**

**CARRIED**

Audit Committee meeting schedule 2018/19

<b>Schedule</b>	<b>Detail</b>	<b>Action</b>
13 August 2018	Annual Financial Statements – Audit report; 2018/19 Budget Review - Auditor to attend	Completed
10 December 2018	Operation of the Regional Subsidiary- Part D Business Plan	Completed
15 March 2019	Annual Budget and Business Plan Review; Audit Schedule	Completed
3 June 2019	Annual cost estimates and budget variations consideration; Policy Review- External Audit Review	Completed
9 August 2019	Annual Financial Statements – Audit report; 2018/19 Budget Review - Auditor to attend	
December 2019	Operation of the Regional Subsidiary- Part D Business Plan	

**NEXT MEETING**

To be held on 9 August 2019.

**CLOSURE**

The Chair thanked members for their attendance and the Meeting closed at 10.50 am

Chair \_\_\_\_\_ Date \_\_\_\_\_

## 8.1 Bruce Eastick North Para Flood Mitigation Dam - Dambreak and Consequence Assessment Report

### RECOMMENDATION

#### That the GRFMA

1. Receive the Bruce Eastick North Para Flood Mitigation Dam - Dambreak and Consequence Assessment Report.
2. Request the Executive Officer to:
  - Provide a copy of the report to SA State Emergency Services and the Department Environment and Water; and
  - Facilitate review of the Bruce Eastick North Para Flood Mitigation Dam Operations and Maintenance Manual.

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The Bruce Eastick North Para Flood Mitigation Dam is located on the North Parra River approximately 5 kilometres upstream of Gawler with a catchment area of 1,080 km<sup>2</sup>.

In accordance with the GRFMA Budget 2018/19 a project was authorised determine the consequence categories for the dam in accordance with the ANCOLD Guidelines on the Consequence Categories for Dams, October 2012.

Following determination of expressions of interest for the work HARC (Hydrology and Risk Consulting) was determined the preferred consultant.

The dam break models to be developed are the following scenarios:

- Dam crest flood with and without failure of the dam; and
- Flood overtopping event from Possible Maximum Flood with and without failure of the dam.

Progress to date has been:

- A copy of the draft report was recieved from HARC in April 2019;
- The draft report was subsequently provided via email to GRFMA Technical Assessment Panel (TAP) members for comment;
- Consolidated TAP comments provided to HARC May 2019.

A summary of the final report is to be provided by HARC at the 13 June 2019 GRFMA Meeting with presentation (via remote link in). Refer Agenda item 5.

The final report document was not available at the time of writing this report. A copy of the document will be provided when available.

## 8.2 Financial Report

### RECOMMENDATION

#### That the GRFMA:

1. Receive the financial report as at 31 May 2019 showing a balance of total funds available \$80,569.96; and
2. Adopt the the 2018/19 Budget Review 3 Documents May 2019 and the variances contained as its amended and current budget for the period ended 30 June 2019

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#### Attachments:

- Reconciliation to 31/5/19;
- 2018/19 Budget Review 3 with Uniform Presentation of Financial Statements
- 2018/19 Budget Review 3 Profit and Loss Budget Analysis

Tabled below Executive Officer Activities report.

<b>Activity</b>	Dec	Jan	Feb	Mar	Apr	May
To keep maintained the business office of the Authority	9.5	13	7.5	3	5.5	6
To prepare the Business Plan, Budgets and reports in a timely manner		11.5	4.5	4		
To liaise with Councils, and Stakeholders to foster the outcomes of the Business Plan	6.5	15.75	19	11.5	10	15
To attend all meetings of the GRFMA, to prepare agendas, minutes and correspondence as required.	20.75	2	12	14	10.5	6.5
<b>TOTAL</b>	<b>36.15</b>	<b>42.25</b>	<b>43</b>	<b>32.5</b>	<b>26</b>	<b>27.5</b>

### 8.3 Northern Floodway Project

#### RECOMMENDATION

##### **That the GRFMA**

- 1. Endorse establishment of a Northern Floodway Project working group with authority to establish and implement the Northern Floodway Project Strategic Pathway.**
- 2. Accept with thanks offer of assistance from the City of Playford to assist and progress development of the strategic pathway.**

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The following motion was resolved at the 18/4/19 GRFMA Ordinary Meeting

##### *That the GRFMA:*

- 1. Express disappointment that the Northern Floodway Project, Building Better Regions (BBR) application has been deemed ineligible by the Department of Industry, Innovation and Science;*
- 2. Request the Executive Officer to seek feedback from the Department in relation to ineligibility of the application.*
- 3. Maintain progress of the Northern Floodway Project on the basis of firstly securing commitment from Federal and State Governments to fund in totality all capital costs, including the further design and development costs associated with the project: and*
- 4. Endorse the Chairperson and Executive Officer initiating a program to lobby for political support for funding of the project in the lead up to the 18 May 2019 Federal Government election.*

Actions undertaken in accordance with item 4 of the resolution (GRB19/24) included:

- Correspondence seeking support for the Northern Floodway Project (stage 1 and ultimately completion of the entire Project forwarded to:
  - All twelve of the SA Senators and SA federal Members of Parliament for the electorates of Grey, Spence (Wakefield), Barker and Mayo.
  - Eleven selected candidates who had separately nominated in the federal electorates of Grey, Spence (Wakefield), Barker and Mayo.
  - Industry associations represented by Hortex and AusGrow
- Correspondence was also forwarded to fifty landowners likely to be impacted by the Northern Floodway Project providing an update on the outcomes of the Building Better Regions (BBR) application and the GRFMA activities in the lead up to the 18 May federal election.
- Meeting with policy staff of the office of David Speirs Minister for Environment and Water.

Feedback from Senators, Members of Parliament, candidates and Hortex resulted in a range of responses from acknowledgement, in principle support and invitations to meet and discuss following conclusion of the election process.

Meetings were undertaken with Mr N Champion MP, Member for Wakefield (Spence), Senator Rex Patrick (SA) and Ms Andrea Broadfoot, Centre Alliance Candidate for Grey.

A clear message from responses received was the importance, following conclusion of the federal election, for the GRFMA to have a well thought out and approved strategic pathway that identifies how all stakeholders can contribute and assist in bringing the Northern Floodway Project to completion.

During conversations regarding how such a pathway might be achieved, the GRFMA Chair Mr Ian Baldwin received invitation and offer from GRFMA Board Member, Mr Greg Pattinson, City of Playford, to meet and discuss the merits of utilising the City of Playford's Advocacy Officer to assist in development of a suitable strategy.

Mr Baldwin and the Executive Officer subsequently meet with Mr Pattinson and Mr Harrison (Advocacy Officer) on 24/5/19 for further discussion.

Key points from the meeting noted;

- GRFMA currently does not have sufficient resources to facilitate delivery of a suitable strategic pathway in sufficient time to take advantage of opportunities the recent federal election outcomes and newly established Morrison Government Cabinet might provide.
- The City of Playford as a GRFMA constituent council is supportive of GRFMA operations and has capacity to assist the authority with suitable resources to assist and progress development of a strategic pathway.
- Resources would be in-kind contribution from City of Playford.
- The GRFMA, subject to approval, could establish a representative Northern Floodway Project working group to guide policy and direction of the strategy.
- Membership of the working group might be one representative from each constituent council.
- The Advocacy Officer could facilitate bringing the strategic pathway to completion, achieving "sign off" and also assist advocacy delivery to stakeholders.

A suitable pathway should be multifaceted and might include:

- Clear objectives and outcomes to be achieved (delivery and completion of total project)
- Who is to be engaged? (state/federal govt, constituent councils, industry, landholders, community, media)
- How outcomes are to be delivered (support, discussion, advocacy, lobby)
- Timeframes and deliverables
- How activity and communication will be coordinated (working group, GRFMA, EO, council CEO's)

## 8.4 GRFMA Business Plan 2019 - 2022

### RECOMMENDATION

**That pursuant to Clause 12.1 of the Charter, the Business Plan 2019- 2022 be adopted.**

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Prior to setting the draft budget each year the Authority must review its Business Plan in conjunction with the constituent councils. The Business Plan must be updated to ensure it presents a plan for the ensuing three years.

The Authority must also prepare a budget for the forthcoming financial year which must be consistent with and account for activities and circumstances referred to in the Authority's Business Plan and must be submitted in *draft form to each constituent council before 31 March* for approval of its contribution for the year.

The draft Business Plan and Budget have been considered by the 7/2/19 Board Meeting, the 15/3/19 meeting of the GRFMA Audit Committee and the 21/3/19 GRFMA Special Meeting.

The budget must not be adopted by the Authority until after 31 May but before 30 September; and the Authority must then provide a copy of its budget to each constituent council within five business days after adoption.

### **GRFMA Business Plan**

Key elements of the Business Plan include:

- The Gawler River 2016 Flood Review report provides recommendations for flood mitigation works to be undertaken in the lower Gawler River with a first stage indicative cost of \$27 million:
  - a) proposed Gawler River Northern Floodway,
  - b) upgrade and maintenance of the levee system and
  - c) management of silt and pest vegetation;

The GRFMA has resolved to pursue Federal and State Government funding to progress the report recommendations in 2019.

- The Authority, in partnership with the University of Adelaide, has received funding via the *National Disaster Resilience Program (NDRP)*, to develop an existing decision support tool (UNHaRMED) to explore how to manage flood risk into the future in an integrated and dynamic approach. The project will commence mid-2019 and conclude in late 2020.

This project will consider:

- Specific pilot studies (such as proposed Dam raise and Northern Floodway proposal) of analysis and developing a methodology for continued use of the program for integrated planning of flood mitigation actions by GRFMA; and
- Providing an example for other local government authorities and floodplain managers in integrated flood risk management supported by integrated risk modelling.

- Maintenance and operations during 2019 to 2022 will include:
  - Completion of the detailed Dam Failure Consequence Assessment of the Dam pursuant to ANCOLD guidelines;
  - Review of Dam Safety Emergency Plans and Operation and Maintenance Manuals;
  - Dewatering and repair of the low-level inlet pipe and stilling basin;
  - Scheduled inspections and environmental management of land associated with the Dams location; and
  - Investigation into feasibility of a proposal for the establishment of a revegetated zone around the Bruce Eastick North Para Flood Mitigation Dam.

See attached for a copy of the draft 2019-2022 GRFMA Business Plan.

A copy of the Business Plan was provided to all constituent councils on 24/3/19 with request to provide subsequent indication of Councils consideration in sufficient time for consideration at the 13/6/19 GRFMA meeting.

See the table 8.4 below for collation of responses received from constituent Councils.

Adelaide Plains Council	Endorses the GRFMA Draft Budget for 19/20 and 2019-2022 Business Plan and subject to adoption of its 2019/2020 Budget and Annual Business Plan acknowledges it will fund the requested member Contribution of \$48,826.
Adelaide Hills Council	Council resolves to advise the Board of the Gawler River Floodplain Management Authority that it has reviewed its 2019/22 Business Plan and approves the Adelaide Hills Council's contribution of \$25,642 as set out in the draft 2019/20 Draft Budget.
The Barossa Council	Endorse the draft Gawler River Floodplain Management Authority Business Plan 2019–2022 and the draft Budget 2019-2020 as circulated to the Constituent Councils.
Town of Gawler	Endorses: The Draft Gawler River Floodplain Management Authority Business Plan 2019 – 2022. and The Draft Gawler River Floodplain Management Authority Budget 2019- 2020.
Light Regional Council	Support the adoption of the Gawler River Floodplain Management Authority 2019 – 2020 Budget and 2019 – 2022 Business Plan (attached to the report); and Fund the requested Member Council contribution to support the Gawler River Floodplain Management Authority 2019 – 2020 Budget and 2019 – 2022 Business Plan to the value of \$31,562 through its 2019 – 2020 Financial Year budget deliberations.
City of Playford	That Council note the attached GRFMA Business Plan (2019-22) and draft GRFMA budget (2019/20). <i>We note the GRFMA intention to produce an asset management plan and long term financial plan and as part of this we ask that consideration be given to longer term forecasting of GRFMA operational budget requirements and, if necessary, a future budget round revision of the requested baseline recurrent operational budget requirements. Ideally, if any changes are required to recurrent budget allowances for 2020/21 and onward, then we would report to Council on this prior to November 2019.</i>

## 8.5 GRFMA Budget 2019 – 2022

### RECOMMENDATION

1. That pursuant to Section 25 Schedule 2 Part 2 of the Local Government Act 1999, that the GRFMA Budget 2019-2020 be adopted; and
2. That pursuant to Clause 10.2 of the Charter that the subscriptions scheduled below be subscriptions payable for the 2019-2020 year:
3. The Schedule
  4. **Part A** *Flood Mitigation Works – No subscriptions.*
  4. **Part B** **Capital works and Maintenance** – A total of **\$85,300**. calculated by the percentage shares prescribed in Clause 10.1 of the Charter:

Adelaide Hills Council	<b>\$1,476</b>
Adelaide Plains Council	<b>\$24,660</b>
The Barossa Council	<b>\$7,396</b>
Town of Gawler	<b>\$14,791</b>
Light Regional Council	<b>\$7,396</b>
City of Playford	<b>\$29,581</b>
Total	<b>\$85,300</b>

5. **Part C** **Operation** – A total of **\$145,000** calculated by even shares prescribed in Clause 10.1 of the Charter
- 6.

Adelaide Hills Council	<b>\$24,166</b>
Adelaide Plains Council	<b>\$24,166</b>
The Barossa Council	<b>\$24,166</b>
Town of Gawler	<b>\$24,166</b>
Light Regional Council	<b>\$24,166</b>
City of Playford	<b>\$24,170</b>
Total	<b>\$145,000</b>

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### 2019/20 Budget

The scope of the GRFMA Annual Budget is small in comparison to the extensive undertakings by constituent councils.

Principally the budget revenue is sourced from predetermined “formulae based” financial contributions by the six constituent councils, opportunistic funding applications and some interest from financial institutions. Recently any shortfalls in income (over expenditure) have been met from reserves.

The 2019/20 draft Budget has been prepared based on the 2018/19 Budget estimates with an annual escalator (September 2018) Local Government Price Index) of 2.9 % to general expenses



not otherwise being programmed capital and maintenance projects. No escalator has been applied to the Chair honorarium, EO consultancy costs or the Audit Committee Chair honorarium.

Constituent council contributions for 2019/20 total \$230,300 which is a budgeted reduction from \$ 231,576 in 2018/19.

A net Operating Loss of (\$231,231) is forecast for 2019/20. This is the amount of unfunded depreciation.

No allowance has been made for any surplus or deficit that might result from the current 2018/19 Budget results.

See attached for

- Annual Budget for 2019/20 with Uniform Presentation of Financial Statements
- Profit and Loss Budget Analysis 2019/20 – ledger detail

A copy of the GRFMA 2019/2020 draft Budget (Profit and Loss Budget Analysis 2019/20) was provided to all constituent councils on 24/3/19 which requested councils to provide subsequent indication of their consideration in sufficient time for consideration at the 13/6/19 GRFMA Ordinary Meeting.

All six councils have responded with endorsement of the GRFMA 2019/2020 draft Budget. See the table 8.4 at agenda item 8.4 for specific details.

See further below - Table 1 Budget document for constituent council shares proposed as per the 2019/20 GRFMA draft Budget and Table 2 – constituent council shares for contributions as per GRFMA Charter.

**Table 1 Budget document for constituent council shares proposed as per the draft 2019/20 GRFMA Budget**

	2018/19	2018/19	2018/19	2019/20	2019/20	2019/20 Total
Council	Operation	Maint	Total	Operation	Maint	
<b>Adelaide Hills Council</b>	\$23,683	\$1,548	\$25,231			
				\$24,166	\$1,476	\$25,642
<b>Adelaide Plains Council</b>	\$23,683	\$25,867	\$49,550			
				\$24,166	\$24,660	\$48,826
<b>The Barossa Council</b>	\$23,683	\$7,758	\$31,441			
				\$24,166	\$7,396	\$31,562
<b>Town of Gawler</b>	\$23,683	\$15,515	\$39,198			
				\$24,166	\$14,791	\$38,957
<b>Light Regional Council</b>	\$23,683	\$7,758	\$31,442			
				\$24,166	\$7,396	\$31,562
<b>City of Playford</b>	\$23,683	\$31,030	\$54,714			
				\$24,170	\$29,581	\$53,751
<b>Total</b>	<b>\$132,100</b>	<b>89,476</b>	<b>\$231,576</b>	<b>\$145,000</b>	<b>\$85,300</b>	<b>\$230,300</b>

Operational contributions are calculated from the costs reflective of Administration of the GRFMA and general costs for the Gawler River Scheme Mark 2 (does not include capital works or maintenance of Assets).

Maintenance contributions are calculated from the costs reflective of capital works or maintenance works for Construction North Para Works - Construction South Para Works and Gawler River Scheme Mark 2 capital works. In 2018/19 the Board resolved to undertake a catch-up Capital Works (Maintenance contributions) associated with the Dam and road access and Operational works.

In 2018/19 this resulted in Operational. contributions of \$132,100 and Maintenance contributions of \$89,476.

The **draft 2019/20 Operational contributions of \$145,000** consist of Administration costs \$77,900, net costs Flood Risk project \$30,000 plus Gawler River Scheme Mark 2 consultancies \$38,715 less \$1,615 Bank and other income.

The **draft 2019/20 Maintenance contributions of \$85,300** consist of Maintenance Flood Mitigation Scheme \$316,531 less \$231,231 unfunded depreciation (Dam).

**Table 2 – Constituent Council Shares for Contributions as per GRFMA Charter**

Constituent Council	Capital Works	Maintenance of Assets	Operational Costs
	Percentage Share	Percentage Share	Percentage Share
Adelaide Plains Council	28.91%	28.91%	16.66%
Adelaide Hills Council	1.73%	1.73%	16.66%
The Barossa Council	8.67%	8.67%	16.66%
Town of Gawler	17.34%	17.34%	16.66%
Light Regional Council	8.67%	8.67%	16.66%
City of Playford	34.68%	34.68%	16.66%
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

## **8.6 Achievements against the Business Plan**

### RECOMMENDATION

**That the Statement of Achievements against the Business Plan be received.**

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The Statement of Achievements against the Business Plan provides a basis for evaluation of performance by the GRFMA.

it also forms part of the Key Outcomes Summary to Councils following the meetings at which it is tabled.

The June 2019 report will form part of the GRFMA Annual Report 2018- 2019.

See separately attached for the completed 2018-2019 Statement of Achievements against the Business Plan.

## 8.7 Bruce Eastick North Para Flood Mitigation Dam - Deflection Survey Report

### RECOMMENDATION

**That the GRFMA receive the report and request that the Executive Officer:**

- 1. Facilitate inclusion of the report recommendations in the Bruce Eastick North Para Flood Mitigation Dam inspection regime; and**
  - 2. Note cost indications to undertake placement of a Deep Bench Mark (DBM) adjacent the dam structure for further budget 20/21 considerations.**
- 

The Bruce Eastick North Para Flood Mitigation Dam is located on the North Parra River approximately 5 kilometres upstream of Gawler with a catchment area of 1,080 km<sup>2</sup>.

The Dam was constructed in 2007 and inspection regimes require survey monuments located on the Dam to be periodically surveyed (5 years or post large flood events). This is to enable monitoring of any movement of the dam including seasonal movements from reservoir loading and temperature. compared to the original design levels and location).

In accordance with the GRFMA Budget 2018/19 work was initiated to undertake an appropriate survey.

The scope of works required would be to establish a survey control, survey existing survey monuments, establish and record in a suitable file (excel or relevant application) to enable entry and recording of subsequent surveys- and to provide the information to the GRFMA in a suitable file format for record keeping.

See below for the summary of the survey report provided by John Bested and Associates Consulting Surveyors.

### *BRUCE EASTICK NORTH PARA RIVER FLOOD MITIGATION DAM MARCH 2019 DEFLECTION SURVEY REPORT*

*The report contains a summary of the survey results in regards to horizontal and vertical movement and any recommendations and maintenance that should be considered.*

#### Horizontal Survey

*The survey confirmed that the survey pillars are stable with good agreement with the original 2010 coordinates.*

*The majority of the longitudinal comparisons with the 2010 survey are within 1mm. The upstream/downstream movements were larger with monitoring point 3 having the largest deflection of 3.6mm (upstream). Monitoring point 3 is positioned in the middle of the dam structure where there is likely to be more movement. Refer to spreadsheet for further details.*

#### Vertical Survey

*The survey confirmed that the four pillars P1, P2, P3 & P4 are stable with good agreement against the values provided. The comparisons show an overall upward trend on the 2010 results with an average upward direction of 1.1mm. This upward trend over several years may indicate the slight settlement of the survey pillars.*

*Dam Maintenance 2019*

*The brass caps for the four survey pillars and five monitoring points were very difficult to remove (probably because they hadn't been opened in 9 years).*

*The majority of the brass caps could only be removed with a hammer and wedge. This process of 'hitting' the brass caps is damaging them and this damage will only increase in the coming years if the caps are not maintained.*

*It is recommended:*

- 1. All brass monitoring points and pillars should be high pressured cleaned and then lubricated prior to the 2020 survey.*
- 2. The survey pillar cover for pillar 1 was missing and needs to be replaced.*
- 3. All four survey pillars require new quality padlocks with alike key locks.*
- 4. A Deep Bench Mark (DBM) be placed adjacent the dam structure that would act as an independent vertical check on the stability of the survey pillars. A DBM is a highly stable (vertical) survey mark used on large scale road projects and for SA Water dam/barrage surveys.*

EO Note: A DBM is a high tensile rod driven into the ground until stable. Advice from the surveyor who undertook the report advises to allow at least \$6,000 to place the DBM and around \$1500 to survey and derive a height for the DBM.

**CONFIDENTIAL - REPORT****10.1 Lower level outlet pipe and stilling basin repairs Bruce Eastick North Para Flood Mitigation Dam**

GRB 19/13

*The GRFMA instruct the Executive Officer to investigate the failures identified in the SMEC report and seek a costing to commission the analysis of the design specification and execution of the works at the time of dam construction surrounding the lower level outlet pipe and stilling basin. and*

*That a report be brought back to the Authority on the likelihood of seeking recompense under any warranty or insurance claim, or any other claim against the constructor(s) that constructed the dam.*

Board to move motion to go into confidence.

**RECOMMENDATION**

**Pursuant to Section 90(2) of the Local Government Act 1999, an Order is made that the public, excepting the following persons:**

- **Executive Officer; and**
- **Deputy Board Members.**

**be excluded from attendance at the meeting, in order to consider in confidence agenda item 10.1, Lower level outlet pipe and stilling basin, under Section 90(3)(d) of the Local Government Act 1999 on the basis that:**

**(d) commercial information of a confidential nature (not being a trade secret) the disclosure of which— (i) could reasonably be expected to prejudice the commercial position of the person who supplied the information, or to confer a commercial advantage on a third party; and (ii) would, on balance, be contrary to the public interest;**

**This matter is confidential because it includes quotations for provision of services and requires determination of a suitable and preferred supplier.**

**On the basis of this information, the principle that meetings of the GRFMA Board should be conducted in a place open to the public has been outweighed in this instance: the Board consider it necessary to consider this matter in confidence.**

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Refer Confidential attachment.

**CONFIDENTIAL - REPORT****10.2 GRFMA Audit Committee – Appointment of External Auditor 2019-2024**

In accordance with legislative requirements of the Local Government Act 1999 and the Authority's Procurement and Operations Policy, the GRFMA Audit Committee has determined recommendation for the supply of External Auditing Services for the Gawler River Floodplain Management Authority (GRFMA).

Board to move motion to go into confidence.

**RECOMMENDATION**

**Pursuant to Section 90(2) of the Local Government Act 1999, an Order is made that the public, excepting the following persons:**

- Executive Officer; and
- Deputy Board Members.

**be excluded from attendance at the meeting, in order to consider in confidence agenda item 10.2, GRFMA Audit Committee – Appointment of External Auditor 2019-2024, under Section 90(3)(d) of the Local Government Act 1999 on the basis that:**

**(d) commercial information of a confidential nature (not being a trade secret) the disclosure of which— (i) could reasonably be expected to prejudice the commercial position of the person who supplied the information, or to confer a commercial advantage on a third party; and (ii) would, on balance, be contrary to the public interest;**

**This matter is confidential because it includes quotations for provision of services and requires determination of a suitable and preferred supplier.**

**On the basis of this information, the principle that meetings of the GRFMA Board should be conducted in a place open to the public has been outweighed in this instance: The Board consider it necessary to consider this matter in confidence.**

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Refer Confidential attachment.