



SECTION 15

Minutes of Committees

For the Ordinary Meeting of Council

6 December 2018

Item 15.1 – CEOAC Minutes 20 November (Blue)

Item 15.2 – TAC Minutes 22 November 2018 (Yellow)

Item 15.3 – RRC Minutes 22 November 2018 (Sand)

CHIEF EXECUTIVE OFFICERS ADVISORY COMMITTEE

MINUTES

20 November 2018

(REF: D2018/14429 (CEOAC) – D2018/15618)

A meeting of the Chief Executive Officers Advisory Committee was held at the EMRC Administration Office, 1st Floor, 226 Great Eastern Highway, BELMONT WA 6104 on **Tuesday, 20 November 2018**. The meeting commenced at **12:33pm**.

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1 DECLARATION OF OPENING AND ANNOUNCEMENT OF VISITORS

The Deputy Chairman opened the meeting at 12:33pm.

2 ATTENDANCE, APOLOGIES AND LEAVE OF ABSENCE (PREVIOUSLY APPROVED)

Committee Members

Mr Jonathan Throssell (Deputy Chairman)	Chief Executive Officer	Shire of Mundaring
Ms Peta Mabbs	Chief Executive Officer	Town of Bassendean
Mr Andrew Brien	Chief Executive Officer	City of Bayswater
Mr John Christie	Chief Executive Officer	City of Belmont
Ms Kim Leahy	Acting Chief Executive Officer	City of Swan
Mr Peter Schneider	Chief Executive Officer	EMRC

Apologies

Mr Mike Foley	Chief Executive Officer	City of Swan
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EMRC Officers

Mrs Wendy Harris	Director Regional Services
Stephen Fitzpatrick	Director Waste Services
Ms Theresa Eckstein	Executive Assistant to Chief Executive Officer (Minutes)

Visitor(s)

Mr Ed Nicholas	Tribe Infrastructure
Mr Raj Aggarwal	Tribe Infrastructure
Mr Michael Harrison	Ashurst Legal
Jason Pugh	New Energy Corporation
Dr Marc Stambach	Hitachi Zosen Inova

3 DISCLOSURE OF INTERESTS

Nil

4 ANNOUNCEMENTS BY THE CHAIRMAN OR PRESIDING MEMBER WITHOUT DISCUSSION

Nil

5 PETITIONS, DEPUTATIONS AND PRESENTATIONS

5.1 RENEWABLE ENERGY PROPOSAL

Mr Fitzpatrick and the representatives of the HZI Consortium joined the meeting at 12:35pm and provided a presentation on their proposed renewable energy offer in relation to the Resource Recovery Facility followed by questions.

Mr Fitzpatrick and the representatives of the HZI Consortium departed the meeting at 12:59pm.

**6 CONFIRMATION OF MINUTES OF PREVIOUS MEETINGS****6.1 MINUTES OF THE CHIEF EXECUTIVE OFFICERS ADVISORY COMMITTEE MEETING HELD ON 2 OCTOBER 2018**

That the minutes of the Chief Executive Officers Advisory Committee meeting held on 2 October 2018 which have been distributed, be confirmed.

CEOAC RESOLUTION(S)

MOVED MR CHRISTIE

SECONDED MR BRIEN

THAT THE MINUTES OF THE CHIEF EXECUTIVE OFFICERS ADVISORY COMMITTEE MEETING HELD ON 2 OCTOBER 2018 WHICH HAVE BEEN DISTRIBUTED, BE CONFIRMED.

CARRIED UNANIMOUSLY**7 QUESTIONS BY MEMBERS OF WHICH DUE NOTICE HAS BEEN GIVEN**

Nil

8 QUESTIONS BY MEMBERS WITHOUT NOTICE

Nil

9 ANNOUNCEMENT OF CONFIDENTIAL MATTERS FOR WHICH MEETINGS MAY BE CLOSED TO THE PUBLIC

Nil

10 BUSINESS NOT DEALT WITH FROM A PREVIOUS MEETING

Nil



11 REPORTS OF EMPLOYEES

11.1 REGIONAL SERVICES PROJECT FUNDING SUMMARY 2019/2020

REFERENCE: D2018/15038 (CEOAC) – D2018/16228

PURPOSE OF REPORT

The purpose of this report is to provide Council with the Regional Services Project Funding Summary for the 2019/2020 financial year for noting.

KEY ISSUES AND RECOMMENDATION(S)

- The Regional Services Project Funding Summary for 2019/2020 has been developed and is attached for Council's consideration.
- Regional strategies around advocacy, economic development, integrated transport and the environment assist in guiding delivery of Regional Services to participating member Councils.
- The programs/projects and associated financial commitments have been prepared for member Councils' consideration.
- It is proposed that for the period 2019 /2020 the following programs/projects will continue:
 - Regional Development:
 1. Regional transport strategy related projects;
 2. Regional economic development related projects;
 3. Regional events program; and
 4. Regional advocacy.
 - Environmental Services:
 1. Regional Environment Strategy related projects;
 2. Eastern Region Catchment Management Program;
 3. Sustainability programs;
 4. Regional Benchmarking Building Efficiency Project;
 5. Regional Community Emissions Profile Project; and
 6. Understanding and Managing Flood Risk Project.
- State and federal government endorsement of the "Connect Perth's East" City Deal proposal will also continue to be promoted to guide future delivery of key infrastructure projects in the region.

Recommendation

That Council notes the programs/projects and funding commitments outlined in the Regional Services Project Funding Summary for 2019/2020, forming the attachment to this report, which will form the basis of discussion with member Council CEOs.

SOURCE OF REPORT

Director Regional Services



Item 11.1 continued

BACKGROUND

The Regional Services Directorate delivers regionally focused projects to member Councils in the areas of environment and sustainability, economic development (including event related programs) and integrated transport. The EMRC also advocates on behalf of the Region in accordance with the Regional Advocacy Strategy. The programs/projects have varied in response to the needs of member Councils and emerging regional issues that are deemed appropriate to be dealt with on a regional scale.

Delivery of services is driven through an annual process aligned to the business planning and budget processes of all member Councils. This annual process provides for the EMRC to deliver programs/projects in accordance with the financial contributions received from member Councils and other financial contributions, including grant funding.

The programs/projects currently being delivered in 2018/2019 include:

Regional Development

- Regional Integrated Transport Strategy related projects (RITS);
- Regional Economic Development Strategy (REDS) related projects; and
- Regional Events program.

Environmental Services

- Regional Environment Strategy related projects;
- Eastern Region Catchment Management Program;
- Sustainability programs; and
- Understanding and Managing Flood Risk Project.

Regional Advocacy

The Regional Advocacy Strategy (RAS) outlines areas for advocacy at a local, state and federal level across the EMRC areas of waste, environment, transport and economic development.

The Regional Services Directorate coordinates, facilitates and jointly funds regionally significant projects that improve social, economic and environmental outcomes for Perth's Eastern Region. The Regional Development and Environmental Services projects are consistent with the EMRC's 10 Year Strategic Plan 2017 to 2027 adopted by Council at its meeting of 18 August 2016 (Ref: D2016/10193) and which took effect from 1 July 2017.

The following strategies assist in guiding project delivery across the region:

- Regional Advocacy Strategy 2016 – 2020;
- Regional Environment Strategy 2016 – 2020;
- Regional Economic Development Strategy 2017 – 2021; and
- Regional Integrated Transport Strategy 2017 – 2021.

REPORT

The Regional Services Project Funding Summary 2019/2020 demonstrates continued delivery of Regional Development and Environmental Services programs/projects and includes the proposed financial contributions of participating member Councils. Program/project delivery is managed by the EMRC in collaboration with participating member Councils.



Item 11.1 continued

A copy of the Regional Services Project Funding Summary 2019/2020 is attached (Ref: D2018/15039).

Table 1 below depicts the level of funding required from participating member Councils to deliver the Regional Development programs/projects outlined in Attachment 1.

Table 1 – Regional Development Funding Requirements 2019/2020

Individual Member Councils Contributions 2019/2020	Economic Development	Events	Integrated Transport	Total Required
	\$	\$	\$	\$
Town of Bassendean	8,959	2,169	6,259	17,387
City of Bayswater	15,983	4,378	12,599	32,960
City of Belmont	13,821	3,723	10,648	28,192
City of Kalamunda	13,821	0	11,379	25,200
Shire of Mundaring	13,011	0	9,917	22,928
City of Swan	0	7,612	22,354	29,966
TOTAL	\$65,595	\$17,882	\$73,516	\$156,633

All figures are excluding GST

Table 2 below depicts the level of funding required from participating member Councils to deliver the Environmental Services programs/projects outlined in Attachment 1.

Table 2 – Environmental Services Funding Requirements 2019/2020

Individual Member Council Contributions 2019/2020	ERCMP	Sustainability Programs	Regional Benchmarking	Community Emissions Profile	Flood Risk	Total Required
	\$	\$	\$	\$	\$	\$
Town of Bassendean	0	42,235	16,100	7,800	0	66,135
City of Bayswater	3,500	0	23,160	7,800	0	34,460
City of Belmont	3,500	46,815	18,320	7,800	0	76,435
City of Kalamunda	41,013	0	22,920	7,800	0	71,733
Shire of Mundaring	41,013	28,362	18,320	7,800	0	95,495
City of Swan	37,513	17,031	27,680	7,800	0	90,024
TOTAL	\$126,539	\$134,443	\$126,500	\$46,800	\$0	\$434,282

All figures are excluding GST



Item 11.1 continued

Table 3 below comprises a summary of the total funding required from participating member Councils to deliver both Regional Development and Environmental Services in 2019/2020 as outlined in Attachment 1.

Table 3 – Total contributions for Environmental Services and Regional Development

Member Councils Contributions 2019/2020	Environmental Services	Regional Development	Totals
	\$	\$	\$
Town of Bassendean	66,135	17,387	83,522
City of Bayswater	34,460	32,960	67,420
City of Belmont	76,435	28,192	104,627
City of Kalamunda	71,733	25,200	96,933
Shire of Mundaring	95,495	22,928	118,423
City of Swan	90,024	29,966	119,990
TOTAL	\$434,282	\$156,633	\$590,915

All figures are excluding GST

Member Councils indicative support is requested for the programs/projects and associated financial contributions as outlined in the Regional Services Project Funding Summary for the 2019/2020 financial year.

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 1 – Environmental Sustainability

- 1.5 To contribute towards improved regional air, water & land quality, regional biodiversity conservation and address climate change

Key Result Area 2 – Economic Development

- 2.1 To facilitate and advocate for increased investment in regional infrastructure
- 2.2 To facilitate and advocate for regional economic development activities
- 2.3 To facilitate regional cultural and recreational activities

Key Result Area 3 – Good Governance

- 3.1 To provide advice and advocacy on issues affecting Perth's Eastern Region
- 3.2 To manage partnerships and relationships with stakeholders

FINANCIAL IMPLICATIONS

The funding to facilitate Regional Services projects and services is developed and agreed with member Councils as part of the annual budget process.




Item 11.1 continued

SUSTAINABILITY IMPLICATIONS

The Regional Services directorate operates to pursue environmental, economic and social outcomes for Perth's Eastern Region. In pursuit of these objectives, sustainability considerations are also integrated wherever possible in all activities undertaken by the directorate.

MEMBER COUNCIL IMPLICATIONS

Member Council	Implication Details
Town of Bassendean	 Participating member Councils officers' time may be required when liaising with the EMRC on specific projects within the Regional Services directorate.
City of Bayswater	
City of Belmont	
City of Kalamunda	
Shire of Mundaring	
City of Swan	

ATTACHMENT(S)

Regional Services Project Funding Summary 2019/2020 (Ref: D2018/16230)

VOTING REQUIREMENT

Simple Majority

RECOMMENDATION(S)

That Council notes the programs/projects and funding commitments outlined in the Regional Services Project Funding Summary for 2019/2020, forming the attachment to this report, which will form the basis of discussion with member Council CEOs.

The Director Regional Services gave a brief overview of the report and discussion ensued.

CEOAC RECOMMENDATION(S)

MOVED MR CHRISTIE

SECONDED MR BRIEN

THAT COUNCIL NOTES THE PROGRAMS/PROJECTS AND FUNDING COMMITMENTS OUTLINED IN THE REGIONAL SERVICES PROJECT FUNDING SUMMARY FOR 2019/2020, FORMING THE ATTACHMENT TO THIS REPORT, WHICH WILL FORM THE BASIS OF DISCUSSION WITH MEMBER COUNCIL CEOS.

CARRIED UNANIMOUSLY

COUNCIL RESOLUTION(S)

MOVED CR

SECONDED CR



Advancing Perth's Eastern Region 

REGIONAL SERVICES

PROJECT FUNDING SUMMARY 2019/2020

November 2018

EXECUTIVE SUMMARY

The Regional Services Project Funding Summary outlines the proposed projects for delivery in 2019/2020.

The Regional Services Directorate currently comprises the two positions of Director Regional Services and Regional Services Administration Officer who support the overall directorate and work under the four strategies:

- Regional Advocacy Strategy 2016 - 2020;
- Regional Environment Strategy 2016 - 2020;
- Regional Integrated Transport Strategy 2017 - 2021; and
- Regional Economic Development Strategy 2017 - 2021.

The remainder of staff in the Directorate work in the Environmental Services or Regional Development business units within Regional Services.

Under the EMRC's Establishment Agreement, notice of withdrawal by a member Council under clause 9.6 is required to be given at any time between 1 July and 31 December in any year, becoming effective from 1 July in the following year (e.g. 1 July 2019).

To date, no notices of intention to withdraw from any programs for 2019/2020 have been received from any of the EMRC's member Councils, however such notice is not required until the end of the 2018 calendar year.

The Regional Services Project Funding Summary 2019/2020 comprises regional development and environmental services projects and also notes participation in regional advocacy campaigns.

The existing Regional Services funding model has been used in the development of this funding summary for 2019/2020 as a result of the decision by Council, at its meeting of 18 October 2018, whereby it resolved as follows:

"THAT COUNCIL SUPPORTS THE CONTINUATION OF THE EXISTING REGIONAL DEVELOPMENT FUNDING MODEL TO DELIVER REGIONAL DEVELOPMENT PROGRAMS TO MEMBER COUNCILS FOR THE PERIOD 1 JULY 2019 TO 30 JUNE 2020."

REGIONAL ADVOCACY PROGRAM

OVERVIEW

The Regional Advocacy Strategy 2016 - 2020 outlines key components that will be used to develop advocacy campaigns, and identifies the focus areas to address advocacy priorities. The priority areas and corresponding areas of focus are shown in the table below:

Advocacy priorities	Areas of focus
Regional Waste Management Priorities	<ul style="list-style-type: none"> • Waste reduction and resource recovery • Environmentally sustainable solutions • Capacity for the future
Regional Environmental Priorities	<ul style="list-style-type: none"> • Swan and Helena Rivers • Natural resource management • Climate change
Regional Economic Development Priorities	<ul style="list-style-type: none"> • Business growth, investment and innovation • Infrastructure to support strategic centres and population growth • Maximise infrastructure benefits
Regional Integrated Transport Priorities	<ul style="list-style-type: none"> • Increase and maximise benefits of infrastructure and services • Behaviour change • Safety

The Regional Advocacy Program seeks to build capacity within the EMRC and its member Councils to attract an increased share of benefits and services to Perth's Eastern Region through a framework that delivers effective regional advocacy campaigns. The major advocacy campaign for 2018/2019 is the "Connect Perth's East" City Deal proposal. All projects outlined in the proposal that remain unfunded will be an advocacy focus for the EMRC during 2019/2020.

A review of regional advocacy priorities in relation to the focus areas identified in the Regional Advocacy Strategy and the progress of existing projects is undertaken annually.

How will member Councils benefit?

Advocacy and relationship building is aimed at increasing awareness of Perth's Eastern Region and identifying future funding and/or sponsorship opportunities to support regional scale projects and activities.

What impact/support will advocacy have on member Councils?

Member Councils will be invited to participate in regional advocacy campaigns. This may require providing information or making officers available to attend meetings, events or other advocacy activities. Elected members will also have a critical role to play in regional advocacy which may require them to attend events and delegations and to advocate on key regional issues needing to be addressed.

REGIONAL DEVELOPMENT

OVERVIEW

The Regional Development Business Unit works to achieve the following objectives of the EMRC's 10 Year Strategic Plan 2017 to 2027:

- To facilitate and advocate for increased investment in regional infrastructure;
- To facilitate and advocate for regional economic development activities;
- To facilitate regional cultural and recreational activities;
- To provide advice and advocacy on issues affecting Perth's Eastern Region; and
- To manage partnerships and relationships with stakeholders.

The Regional Development team also works to deliver on the objectives from the Regional Advocacy Strategy 2016 - 2020, the Regional Economic Development Strategy 2017 - 2021 and the Regional Integrated Transport Strategy 2017 – 2021 and provides regional coordination of projects to member Councils through the Economic Development Officers Group (EDOG) and the Regional Integrated Transport Strategy Implementation Advisory Group (RITS IAG).

The team works collaboratively with the EMRC's six member Councils, regional stakeholders and government partners to:

- Encourage sustainable economic development in the region;
- Facilitate regional cultural and recreational activities;
- Facilitate integrated transport planning initiatives to provide an efficient, safe and integrated regional transport network; and
- Advocate on regional issues and opportunities to maximise benefits for member Councils and their communities and make the region a better place to live, work and do business.

The Regional Development Business Unit team comprises:

- 2 x Strategic Projects Officers

The two Strategic Projects Officers assist with planning, developing and implementing key strategic projects to be delivered by the EMRC, in consultation with member Councils and key stakeholders.

Member Council officers provide input to the EMRC on the development and delivery of strategic projects and relevant strategies through participation on advisory/steering groups as follows:

Programs/Projects	Regional Advisory Groups
Regional integrated transport and land use development	<p>Regional Integrated Transport Strategy Implementation Advisory Group (RITS IAG).</p> <p><i>Comprising Technical Directors/Officers from participating member Councils, Department of Transport, Department of Planning, Lands and Heritage, Road Safety Commission, Main Roads WA, Public Transport Authority, Western Roads Federation, WALGA, RAC, Westcycle and Perth Airport Pty Ltd.</i></p>
TravelSmart (including Active and Public Transport) initiatives	<p>Regional TravelSmart Working Group</p> <p><i>Comprising TravelSmart, and Sustainability Officers from participating member Councils and relevant state government agencies</i></p>
Regional Economic Development	<p>Economic Development Officers Group (EDOG)</p> <p><i>Comprising Economic Development Officers/Managers from participating member Councils.</i></p>
Regional Events Program	<p>Avon Descent Family Fun Days Project Team</p> <p><i>Comprising Events, Recreation and Marketing Officers from participating member Councils, non-member Councils and participating organisations.</i></p>

REGIONAL INTEGRATED TRANSPORT

The EMRC and its six member Councils are committed to working with government and commercial partners to *“advocate and support the development of a safe, efficient and effective transport system that supports and enhances the region’s economic, social and environmental wellbeing.”*

BACKGROUND

The Regional Integrated Transport Strategy 2017 - 2021 (RITS) examines transport and access issues affecting economic growth, livability of the region and the wellbeing of the community. The RITS identifies objectives to address integrated transport issues and opportunities in Perth’s Eastern Region and for the EMRC to advocate to key stakeholders and government. The Regional Integrated Transport Strategy Implementation Advisory Group provides an important source of information and advice to the EMRC to ensure advocacy activities are well targeted. The EMRC also provides advocacy for key state road projects in the region through participation on state advisory groups such as NorthLinkWA, the Department of Transport’s TravelSmart Officer Network, WALGA’s Cycling Reference Group and the Westport Reference Group.

Regional Integrated Transport Strategy Actions 2019/2020

The EMRC will continue to initiate projects aligned with the Regional Integrated Transport Strategy and the Regional Road Safety Plan. Implementation of these projects will be guided by the RITS IAG. Projects proposed for 2019/2020 include:

- **Regional Integrated Transport Strategy 2017 - 2021 (RITS)** – The objectives and actions from the RITS will be implemented over the life of the strategy.
- **Regional Integrated Transport Strategy Implementation Advisory Group** – The group will continue to provide input and guidance to the EMRC on all integrated transport matters.
- **Regional Transport Advocacy Priorities** – Transport advocacy priorities identified in the “Connect Perth’s East” City Deal proposal, including active and public transport will continue to be promoted and communicated across all levels of government and with key stakeholders. Such advocacy includes, but is not limited to, the Perth – Adelaide National Highway, upgrades to major freight networks in the region, active and public transport (including METRONET) and the public transport education initiative, “Your Move”.
- **Regional TravelSmart Working Group** – The group will continue to meet on an as-needs basis and deliver project/s as guided by the group and in discussion with the RITS IAG. These may include Regional Active/Public Transport projects and campaigns or development of key regional projects as determined by the group.
- **Regional Congestion Management Action Plan** – The Action Plan will be promoted and implemented over the life of the plan and will guide the implementation of identified actions to reduce traffic congestion on the Regions’ roads.
- **Active/Public Transport Campaigns** – Campaigns will be developed to promote awareness of walking, cycling and public transport to encourage smarter and more sustainable travel options and practices throughout the Region. This may include encouraging more sustainable transport options at community events and exploring opportunities in line with the State-wide Bike Week promotion.
- **Regional Road Safety Plan** – A new 2019-2021 Plan will be developed.
- **Regional Road Safety Awareness Campaign** – Regional awareness campaigns relating to the regional road safety issues identified in the Regional Road Safety Plan will be undertaken in consultation with member Councils and external organisations. This promotion may include driver

safety, reducing speeds, safe road use and an opportunity for local governments to highlight key successes and advocacy to state government and other relevant stakeholders on road safety.

- **Regional Road Safety Report Card Update** – The report card will be updated to include key relevant statistics such as blackspots and crash statistics that will provide supporting regional data to member Councils.

How will participating member Councils benefit?

Participating member Councils will benefit through the provision of an efficient and safe transport network in Perth's Eastern Region, which is a critical issue for both local and state government particularly with the predicted population and transport growth for Perth in the medium to longer term. The EMRC will continue to advocate on behalf of the Region to secure ongoing transport investment and awareness in the Region.

What impact/support will this project have on participating member Councils?

In-kind support will be required from participating member Councils in 2019/2020 in the form of officer time as members of the RITS IAG as well as a financial contribution from member Councils.

Member Council support for 2019/2020 Regional Integrated Transport projects is presented as follows:

SUMMARY OF PROPOSED TRANSPORT RELATED PROJECTS 2019/2020

Member Council financial support is sought for the following projects:

Regional Integrated Transport Actions	Member Council contribution required
<ul style="list-style-type: none"> Regional Integrated Transport Strategy 2017 – 2021, delivery of priority actions and initiatives Regional Integrated Transport Strategy Implementation Advisory Group meeting/forums Regional Advocacy Strategy 2016 – 2020, delivery of transport advocacy priorities “Connect Perth’s East” City Deal, advocacy and possible implementation TravelSmart Working Group, meetings and information sharing Regional Congestion Management Action Plan, promotion of plan and implementation of actions Active/Public Transport Promotion (including Bike Week) Regional Road Safety Plan to be updated Regional Road Safety Awareness Campaign, to be developed for 2019/2020 Regional Road Safety Report Card, to be updated 	73,156
Total Member Council Financial Support Required for Transport Related Projects 2019/2020	\$73,156

REGIONAL INTEGRATED TRANSPORT

PROPOSED 2019/2020 PROJECTS BUDGET – INDIVIDUAL COUNCIL BASIS

Regional Integrated Transport Strategy Actions		
Adopted Budget 2018/2019 (\$)	Operating Income	Proposed Budget 2019/2020 (\$)
	Member Council (MC) Contribution: RITS Projects	
6,077	Town of Bassendean	6,259
12,232	City of Bayswater	12,599
10,338	City of Belmont	10,648
11,048	City of Kalamunda	11,379
9,628	Shire of Mundaring	9,917
21,703	City of Swan	22,354
\$71,026	Total MC Contributions: RITS Projects	\$73,156
	Operating Expenditure	
185,439	Cost of delivering transport related projects	123,757
\$185,439	Total Expenditure	\$123,757
\$114,413	Net EMRC Contribution (delivery cost less MC contributions)	\$50,601

REGIONAL ECONOMIC DEVELOPMENT

The EMRC and its participating member Councils are working to achieve and maintain a prosperous future for the region and its residents. A range of activities that enable infrastructure and investment to meet the needs of industry are delivered to support economic growth.

BACKGROUND

The EMRC has supported member Councils and industry stakeholders to achieve regional economic development outcomes since 1998. Through the establishment of the Economic Development Officers Group (EDOG) in 2007, regional economic development activities undertaken by the EMRC are those that are considered by the member Councils as important to address barriers to business, industry growth, investment attraction and capitalising on opportunities.

The Regional Economic Development Strategy 2017 - 2021 (REDS) sets in place a structured framework for the delivery of regional economic development activities. The basis for 2018/2019 activities relies on continuation of the most successful projects and additional activities developed in consultation with EDOG.

REGIONAL ECONOMIC DEVELOPMENT STRATEGY ACTIONS 2019/2020

The EMRC will continue to undertake projects aligned with the Regional Economic Development Strategy (REDS) 2017-2021 as approved by EDOG members and will include:

- **Regional Economic Development Strategy 2017-2021 (REDS)** – The objectives and actions from the REDS will be implemented over the life of the strategy to help guide economic development projects and outcomes.
- **Economic Development Officers Group (EDOG)** – EDOG meetings will continue to be facilitated on a bi-monthly basis, providing a forum for relevant guest speakers to address the group and for discussion of current/future projects and issues/opportunities for the Region. The EMRC will deliver projects deemed relevant to participating member Councils and the EMRC.
- **Provision of Regional Profiling Tools** – Subscription to REMPLAN, an area-specific data and modelling software program for use in economic development and planning. THE EMRC subscription with REMPLAN affords member Councils' significant discounts if they choose to subscribe. Ongoing software training will continue to be coordinated by the EMRC to provide member Councils access to economic and socio-demographic profiling data relating to Perth's Eastern Region.
- **Advancing Perth's Eastern Region Events** – Tours, events and forums will continue to be provided, including access to examples of best practice from within and outside the region, to aid in the development and/or awareness of future local and regional projects.
- **Business Exemplar Project** – Promoting the winners of local business awards in the Region, in consultation with EDOG and the Region's Business Support Service Organisations, Chambers of Commerce and Business Associations will continue. The promotion includes assisting business winners in profiling their businesses through development of professional media releases.
- **Business and Investment Attraction** – The EMRC's Business and Investment Attraction booklet will be reproduced in consultation with EDOG. In addition to this, various forums, workshops, research and advocacy will be undertaken to identify and attract appropriate businesses and investment to the Region with a focus on job creation.

- **Digital Technology and Innovation** – Hosting future forums that highlight opportunities to enhance digital capacity and identify emerging trends and innovation will be explored.
- **Precinct Activation** research and/or advocacy for future Transit Oriented Development and livability components from the Connect Perth's East, City Deal proposal.
- **Regional Youth Advocacy Priorities** – Continue to advocate for regional youth priorities and actions identified by EDOG, RITS IAG, and/or Youth Officers that will build on the direction and initiatives outlined in the Regional Economic Development Strategy and the Regional Integrated Transport Strategy.
- **The Perth's Eastern Region website** (perthseasternregion.com.au) – This online portal provides a valuable point of presence and a call to action for community events. At any time during the year participating member Councils and community groups can register their events on the perthseasternregion.com.au website.
- **Recreational Walking and Cycling Campaigns** – Continue to develop regional campaigns promoting recreational walking and cycling trails in the region. Promotion will focus on promoting the Region as a great place to live, work and play and complements the regional events campaign. This will also include maintaining and reviewing the outcomes of the Swan River Ramble project.

REGIONAL EVENTS

The EMRC supports regional events by pooling resources to provide collaborative promotion and through securing and administering regional event funding. The EMRC will continue promotion of regional events and co-ordination of regional funding in partnership with the Avon Descent Family Fun Days Project Team and continue promoting Perth's Autumn festivities in the Region. Four member Councils are currently participating in the Regional Events Program.

Avon Descent Family Fun Days - Funding will be sought from Lotterywest for the 2018 Avon Descent Family Fun Days to assist councils meet the costs of staging family fun day events including infrastructure, services and entertainment. The collaborative regional marketing campaign is coordinated by the EMRC. The EMRC receives grant funding from Lotterywest on behalf of the member Councils and the Shires of Toodyay and Northam and coordinates the regional marketing campaign, achieving a high level return on investment for participating councils. A fee for service arrangement is in place with the Shire of Toodyay and Shire of Northam and the EMRC co-ordinates the debrief, grant review and acquittal, pre-planning and planning meetings with relevant parties.

Perth's Autumn Festival - Participation in Perth's Autumn Festival (Hello Autumn) has moved to an online option at no cost to member Councils. Councils will be able to nominate core events held within the Region for promotion via the EMRC's perthseasternregion.com.au website. Additional fringe events held in the Region will also be promoted to expand the scope of the Autumn Festival.

Hello Spring Campaign –Hello Spring is a regional campaign promoting community, culture and active lifestyle events held in the Region during spring/summer. This promotion focuses on promoting the Region as a great place to live, work and play in the warmer months and builds on the current winter and autumn promotions to achieve all-year-round promotion of the Region. This campaign is at no cost to Councils.

How will participating member Councils benefit?

Participating member Councils will benefit through the alignment of regional priorities with local area priorities to deliver outcomes that support industry investment, advocate for regional priorities and

promote the Region as a whole. The EMRC strategies complement local priorities of member Councils in order to maximise, leverage and make effective use of collective resources.

What impact/support will this project have on participating member Councils?

Continuing in-kind support is required from member Councils in the form of officer time to participate in the relevant advisory groups or committees. Financial support is also required from participating Councils.

SUMMARY OF REGIONAL DEVELOPMENT BUSINESS UNIT PROJECTS 2018/2019

Member Council financial support is sought for the following projects:

Regional Economic Development	Member Council contribution required (\$)
Regional Economic Development Strategy 2017 – 2021 actions Regional Advocacy Strategy 2016 – 2020 actions Economic Development Officers Group REMPLAN profiling tool Advancing Perth Eastern Region Tours Business Exemplar Project Business and Investment Attraction Project Digital Technology and Innovation Precinct Activation advocacy and/or research Regional Youth Advocacy Priorities Recreational Walking and Cycling Campaigns	65,595
Regional Events	Member Council contribution required
Avon Descent Family Fun Days, Perth's Autumn Festival and Hello Spring Campaigns; and Management of Perth's Eastern Region Website – perthseasternregion.com.au.	17,882
Total member Council financial support requested for above-mentioned projects for 2019/2020	\$83,477

REGIONAL ECONOMIC DEVELOPMENT – 2019/2020

PROPOSED 2019/2020 PROJECTS BUDGET– INDIVIDUAL COUNCIL BASIS

Adopted Budget 2018/2019	Project Summary	Proposed Budget 2019/2020
\$	Operating Income	\$
Member Council Contributions: Regional Economic Development (REDS)		
8,698	Town of Bassendean	8,959
15,516	City of Bayswater	15,983
13,418	City of Belmont	13,821
13,418	City of Kalamunda	13,821
12,632	Shire of Mundaring	13,011
0	City of Swan	0
\$63,682	Total Member Council Contributions: REDS	\$65,595
Member Council Contributions: Regional Events		
5,541	Town of Bassendean	2,169
11,184	City of Bayswater	4,378
9,515	City of Belmont	3,723
0	City of Kalamunda	0
0	Shire of Mundaring	0
0	City of Swan	7,612
\$26,240	Total Member Council Contributions: Regional Events	\$17,882
\$89,922	Combined Contributions: REDS & Regional Events	\$83,477
Grants/Other Contributions		
155,500	Avon Descent Family Fun Days grant (Lotterywest)	179,500
20,000	Perth's Autumn Festival grant (Lotterywest)	0
10,000	Non-member Councils	10,000
\$185,500	Total Grants/Other Contributions: Regional Events	\$189,500
\$275,422	Total Income	\$272,977
Operating Expenditure		
369,271	Cost of REDS Projects and Regional Events program	333,553
30,000	Regional Economic Profile Tools (REMPAN and id.profile)	30,000
8,800	Regional Youth Program	9,000
\$408,071	Total Expenditure	\$372,553
\$132,649	Net EMRC contribution	\$99,576

REGIONAL DEVELOPMENT**SUMMARY OF INDIVIDUAL MEMBER COUNCILS PROPOSED COMMITMENTS - 2019/2020**

Individual Member Councils Contributions 2019/2020	Integrated Transport	Economic Development	Events	Total Commitment
	\$	\$	\$	\$
Town of Bassendean	6,259	8,959	2,169	17,387
City of Bayswater	12,599	15,983	4,378	32,960
City of Belmont	10,648	13,821	3,723	28,192
City of Kalamunda	11,379	13,821	0	25,200
Shire of Mundaring	9,917	13,011	0	22,928
City of Swan	22,354	0	7,612	29,966
TOTAL	\$73,516	\$65,595	\$17,882	\$156,633

ENVIRONMENTAL SERVICES

OVERVIEW

The Environmental Services Business Unit works to achieve the following objectives of the EMRC's 10 Year Strategic Plan 2017 to 2027:

- To contribute towards improved regional air, water and land quality and regional biodiversity conservation and to address climate change issues within the Region;
- To provide advice and advocacy on issues affecting Perth's Eastern Region; and
- To manage partnerships and relationships with stakeholders.

The EMRC's Regional Environment Strategy 2016-2020 guides the Environmental Services team in its facilitation of a range of environmental services that enable the EMRC and its member Councils to meet their responsibilities and community expectations for sustainable and adaptive environmental initiatives, and to maintain and enhance the natural assets of the Region. Under the Regional Environment Strategy, the EMRC and its member Councils are collaboratively progressing regional environmental management using the global Sustainable Development Goals (SDGs) as a framework.

The team also works to deliver on the objectives of the Regional Advocacy Strategy 2016-2020, to provide a collective voice for the Region and to be a conduit for collaboration and advocacy on issues of regional significance. This includes:

- Engagement with key priorities and issues at a local, state and federal level;
- Preparation of regional, state and national submissions; and
- Representation on stakeholder reference groups, panels and committees.

The Environmental Services programs proposed for 2019/2020 include:

- Eastern Region Catchment Management Program (natural resource management) including Bush Skills 4 Youth and Community Stewardship (subject to grant funding);
- Sustainability Programs (energy, water and climate change) including Achieving Carbon Emissions Reduction (ACER), Water Quality and Conservation and Future Proofing;
- Regional Benchmarking Building Efficiency Project (subject to sufficient participation); and
- Regional Community Emissions Profile Project (subject to sufficient participation).

The Understanding and Managing Flood Risk Stage Five project is funded through contributions from previous years and will continue to be delivered to meet identified outcomes.

How will participating member Councils benefit?

Member Council contributions assist in the alignment of regional priorities with local area priorities to deliver outcomes that support improved regional air, water and land quality and regional biodiversity conservation and address climate change issues. The support provided by Environmental Services programs will not duplicate existing activities but act as "enablers" that will add value to member Councils' own initiatives. The EMRC's strategies complement local priorities of member Councils in order to maximise, leverage and make effective use of collective resources.

The EMRC acknowledges that member Councils have built considerable environmental knowledge and skills over the last decade and understands that its role is changing and diversifying from mainly delivering programs and projects to offering more coordination and technical support; providing knowledge and innovation; and adding value to the skills that already exist within member Councils, the community and other key stakeholders.

What impact/support will this project have on participating member Councils?

Continuing in-kind support is required from member Councils in the form of officer time to participate in meetings, provide information, or to provide program oversight and input. Financial support is also required from participating Councils to implement specific programs and initiatives.

EASTERN REGION CATCHMENT MANAGEMENT PROGRAM (ERCMP) – NATURAL RESOURCE MANAGEMENT (NRM)

Sustainable Development Goal 6 – Clean Water and Sanitation

Strategic Objective 1: *Our region has sufficient and sustainably managed water resources and good water quality in rivers, wetlands and groundwater.*

Sustainable Development Goal 15 – Life on Land

Strategic Objective 5: *Our region protects, restores and enhances terrestrial ecosystems, addresses land degradation and prevents biodiversity loss.*

Member Councils and the EMRC have worked together on sustainable land management through their extensive and active land care networks. NRM has been a key feature of the EMRC's partnerships with participating member Councils, regional stakeholders and researchers, through initiatives such as the ERCMP, Bush Skills 4 Youth, Community Capability, 20 Million Trees and the Healthy Wildlife Healthy Lives projects.

The ERCMP is an award-winning EMRC program which adds significant value to NRM and community work that participating member Councils undertake in Perth's Eastern Region. The ERCMP provides opportunities for regional advocacy, grant applications and implementation, coordinated community engagement for natural area enhancement, strengthening of messaging for biodiversity conservation and skilled officers to provide technical support and information.

The ERCMP is a partnership between the City of Kalamunda, Shire of Mundaring, City of Swan, Department of Biodiversity, Conservation and Attractions, and the EMRC that has operated for over 15 years. The ERCMP team supports participating member Councils, their residents and their community groups in protecting and managing the biodiversity, waterways and catchments of the relevant member Councils.

There continues to be opportunities for the EMRC to provide support to the Region through implementation of programs around sustainable land management and environmental stewardship, including supporting volunteer networks and increasing community capability, as well as through integrating ecosystem and biodiversity protection into planning processes.

Bush Skills 4 Youth was developed in response to member Council priorities for community education and engagement to support environmental stewardship and has been one of the EMRC's most successful initiatives in recent years. Under the Community Capability project funded through a State NRM program grant, in 2018 across all six member Councils, Bush Skills 4 Youth has held over 45 workshops with schools, libraries, community groups, scouts, youth organisations and the home school network. Due to the ongoing interest in the Bush Skills 4 Youth program, it has been included in the 2018 State NRM Program Community Stewardship Grant application. A financial co-contribution to support the funding application has been included in the proposed contributions under the ERCMP.

EASTERN REGION CATCHMENT MANAGEMENT PROGRAM (ERCMP)
PROPOSED 2019/2020 MEMBER COUNCIL CONTRIBUTIONS

2018/2019 Adopted Budget per council: Kalamunda; Mundaring; Swan	Eastern Region Catchment Management Program (ERCMP)	2019/2020 Proposed contribution per council: Kalamunda; Mundaring; Swan
\$		\$
36,421	EMRC officer located 1 day a week in member Council offices (Kalamunda, Mundaring and Swan) Landholder enquiries Private landowner visits Support and attendance at Catchment Group meetings and planting days End of Year Volunteer Event (1 p.a.) Bush Skills for the Hills (8-10 workshops p.a.) ERCMP meetings (4 meetings p.a.) Greenpage Newsletter (6 editions p.a.) Assist with local and regional grant applications (e.g. SALP, Rivercare)	37,513
Value add	Coordination of local NRM initiatives (e.g. Booklet reprints, Steam Wand, alternative weed management, information forums)	Value add
Value add	Coordination and implementation of Regional Grant Funded Projects (see below)	Value add
36,421	Total contribution per participating member Council (Swan)	37,513
	Regional Grant Funded Projects in 2019/2020	
3,500	Community Stewardship Project including Bush Skills 4 Youth (co-contribution - subject to funding by State NRM Program) to deliver youth and community workshops, community capability technical support, and Healthy Wildlife update	3,500*
Value add	National Landcare Program (coordination of Regional Land Partnership)	Value add
39,921	Total contribution per participating member Council supporting Bush Skills 4 Youth (Kalamunda and Mundaring)	41,013

	Non-ERCMP member Councils supporting Bush Skills 4 Youth (Bayswater and Belmont)	
3,500	Community Stewardship Project including Bush Skills 4 Youth (co-contribution - subject to funding by State NRM Program) including youth and community workshops, community capability, Healthy Wildlife support	3,500*
3,500	Total contribution per non-ERCMP member Council supporting Bush Skills 4 Youth (Bayswater and Belmont)	3,500*

Figures exclude GST

* **NOTE: Bush Skills 4 Youth contribution will be \$7,000 if State NRM Program funding is not available**

SUSTAINABILITY PROGRAMS – ENERGY, WATER AND CLIMATE CHANGE

Sustainable Development Goal 6 – Clean Water and Sanitation

Strategic Objective 1: *Our region has sufficient and sustainably managed water resources and good water quality in rivers, wetlands and groundwater.*

Sustainable Development Goal 7 – Affordable and Clean Energy

Strategic Objective 2: *Our region adopts sustainable, affordable and modern energy sources and promotes energy efficiency.*

Sustainable Development Goal 11 – Sustainable Cities and Communities

Strategic Objective 3: *Our region fosters safe, resilient, resource efficient and environmentally sustainable urban areas.*

Sustainable Development Goal 12 – Responsible Consumption and Production

Strategic Objective 4: *Our region fosters responsible consumption and production patterns and promotes environmentally responsible lifestyles.*

Sustainable Development Goal 13 – Climate Action

Strategic Objective 5: *Our region addresses climate change and its impacts through mitigation and adaptation.*

Member Councils and the EMRC have worked together on environmental sustainability for over 15 years through initiatives and programs such as ICLEI's Cities for Climate Protection and Water Campaign, Future Proofing, ACER: Achieving Carbon Emissions Reduction, Community Energy Efficiency Program and Perth Solar Cities. As funding sources change and specific programs end, innovative approaches need to be developed and existing programs adapted and improved to deliver the most benefit to the Region and the most benefit to member Councils.

In response to member Councils' changing priorities and progress in achieving sustainability outcomes across emissions, energy, water and climate change, for 2019/2020 a 'modular approach' has been taken to the ongoing Sustainability Program to allow more flexibility for participation and ensure ongoing value for each Council.

Within existing program areas, each module provides services to support general needs identified by Councils. There is ongoing support for sustainability strategies, plans and actions, energy and water data management, assistance with participation in the Waterwise Council program, technical support and assistance with community awareness and promotion. Complementary services have been added such as support for participation in the Climate Council's Cities Power Partnership, recommendations for integration of the Water Sensitive Cities Index framework into water strategies and plans, and development of 'Heat Havens' to support climate change adaptation and community resilience.

Contributions for the ongoing Sustainability Programs have been based on the agreed "business as usual" funding model split into different modules, with the addition of proposed regional-scale fixed-length fee for service projects to add value to existing services and meet identified priorities.

The EMRC acknowledges that some member Councils may have the need of some services but not others. Where relevant, the EMRC is able to tailor services to the individual needs of a member Council,

either through an ongoing program or as a fee for service project. Specific tasks and deliverables will be negotiated and agreed within a program plan, and a new cost allocation can be determined.

ACER: ACHIEVING CARBON EMISSIONS REDUCTION

The ACER program supports member Councils to manage, monitor and reduce corporate carbon emissions, improve energy efficiency and adopt renewable energies through two modules, Energy and Emissions Action and Energy and Water Data.

Energy and Emissions Action provides technical support to progress strategies, plans and actions to meet emissions reduction targets as well as supporting participation in the Cities Power Partnership. Energy and Water Data provides management of the Planet Footprint platform, data analysis and reporting.

WATER QUALITY AND CONSERVATION

The Water Quality and Conservation Program enables member Councils to continually improve water efficiency and water quality, ensuring a water sensitive future as well as providing cost savings through two modules, Water Action and Waterwise Council.

Water Action provides technical support to progress strategies, plans and actions to meet water quality and conservation goals as well as supporting integration of the Water Sensitive Cities Index framework into strategies and plans. Waterwise Council supports participation, reporting and recognition in Water Corporation's Waterwise Council Program.

COOPERATIVE RESEARCH CENTRE FOR WATER SENSITIVE CITIES

The EMRC's partnership with the Cooperative Research Centre (CRC) for Water Sensitive Cities adds value to the water modules and provides opportunities for member Councils to gain benefits from research and projects including case studies, tools and products, such as the Water Sensitive Cities Index, Investment Framework For Economics of Water Sensitive Cities Benefit Cost Analysis Tool and Benefit Transfer Tool.

FUTURE PROOFING

The Future Proofing program complements climate change mitigation actions and builds on the adaptation work already undertaken by member Councils through two modules, Climate Action and Heat Havens.

Climate Action provides technical support to progress strategies, plans and actions to meet adaptation and risk management objectives as well as support urban canopy improvement. Heat Havens will support member Councils to meet State Hazard Plan objectives relating to heatwaves by providing up to date information to assist with community messaging as well as identifying venues that can be utilised as welfare facilities for vulnerable populations in the community.

REGIONAL PROJECTS

Two complementary regional-scale projects have been developed to meet identified gaps in existing programs. The Benchmarking Building Efficiency project and the Community Emissions Profile project sit comfortably within the Sustainability Programs suite, however, as they will require specific funding to cover consulting costs and are for a fixed timeframe, these projects are shown separately.

Due to volume considerations, each regional project will require participation of a minimum of four member Councils in order to proceed.

SUSTAINABILITY PROGRAMS - PROPOSED 2019/2020 CONTRIBUTIONS

Sustainability Programs – energy, water and climate change	Bassendean Contribution 2019/2020	Belmont Contribution 2019/2020	Mundaring Contribution 2019/2020	Swan Contribution 2019/2020
ACER: ACHIEVING CARBON EMISSIONS REDUCTION				
ENERGY AND EMISSIONS ACTION	\$	\$	\$	\$
Energy and emissions actions support including: - Monitoring of progress towards Emissions Reduction Target, action tracking - Technical support - Community awareness and promotion material	7,863	7,727	6,310	0
Cities Power Partnership (CPP) support including: - Assistance with CPP participation and reporting - Technical support for knowledge hub, tools and resources				
Home Energy Audit Kit maintenance and support				
ENERGY AND WATER DATA	\$	\$	\$	\$
Management of Planet Footprint platform including: - Energy and water data verification and manual data upload (fleet, streetlighting, measures) - Anomaly detection and monitoring, ad hoc data analysis - Facilitation of quarterly Performance Reviews	8,050*	8,050*	8,050*	0
Annual data analysis and reporting including snapshots for water and emissions				
WATER QUALITY AND CONSERVATION				
WATER ACTION	\$	\$	\$	\$
Water actions support including: - Monitoring of progress towards water targets, action tracking - Technical support for action development and implementation - Facilitation of Water Team Meetings - Community awareness and promotion material	6,691	7,255	7,102	8,981
Recommendations for integrating Water Sensitive Cities Index framework into strategies and plans				
WATERWISE COUNCIL	\$	\$	\$	\$
Assistance with Waterwise Council program participation including: - Data analysis and technical support for reporting - Completed Waterwise Council reporting for re-endorsement - Assistance with Waterwise Council program initiatives, such as Water Sensitive Cities Benchmarking Workshop	6,900	6,900	6,900	8,050
CRC FOR WATER SENSITIVE CITIES	\$	\$	\$	\$
Industry partnership with CRC for Water Sensitive Cities providing: - Representation on Regional Advisory Panel - Access to research outputs, tools and products - Subsidised workshops, seminars and conference	Value add	Value add	Value add	Value add

Sustainability Programs – energy, water and climate change	Bassendean Contribution 2019/2020	Belmont Contribution 2019/2020	Mundaring Contribution 2019/2020	Swan Contribution 2019/2020
FUTURE PROOFING				
CLIMATE ACTION	\$	\$	\$	\$
Climate change actions support including: - Monitoring of progress towards adaptation and risk management objectives, action tracking - Technical support - Community awareness and promotion material	5,831	8,833	0	0
Technical advice regarding climate change predictions, risks, global and national agreements, and local impacts				
Support for urban canopy improvement and other urban heat island mitigation priorities				
HEAT HAVENS	\$	\$	\$	\$
Research and report on current information regarding supporting communities during heatwaves, including: - Desktop review of health and emergency response information - Report and information booklet on what services are currently available and how to prepare for a heatwave to enable community messaging	6,900	8,050	0	0
Assess community buildings to determine suitability as welfare facilities (heat havens) during heatwave events, including: - Review of buildings and services available and suitability for different vulnerable communities - Information to assist community engagement - Recommendations for improvements				
202020 VISION PARTNERSHIP	\$	\$	\$	\$
Partnership including support for urban forest events	Value add	Value add	Value add	Value add
Total contribution per council	42,235	46,815	28,362	17,031

Figures exclude GST

* Figures **exclude** the Planet Footprint annual subscription renewal fee

NOTE: Should any non-participating member Council wish to rejoin a program, a cost allocation can be determined.

Planet Footprint Subscription Renewal Fees (paid directly to Planet Footprint)	Bassendean Contribution 2019/2020	Belmont Contribution 2019/2020	Mundaring Contribution 2019/2020	Swan Contribution 2019/2020
	\$	\$	\$	\$
Planet Footprint Core Scorekeeping Service plus Emissions Module Plus Measures Module	7,950	12,430	12,430	0

Please note that renewals occur in February of each year and the above is an **indicative cost only** – the 2019/20 cost represents an estimated 5% increase in February 2020. Please note that if renewals are paid to Planet Footprint for a 3 year term, then the annual renewal cost will remain at the 2018 price.

Figures exclude GST.

REGIONAL BENCHMARKING BUILDING EFFICIENCY PROJECT (TWO YEARS)

In recent years, member Councils have been proactive in undertaking energy and water efficiency retrofits and upgrades, supported by the EMRC's Sustainability Programs and external grants. For many Council facilities, the most easily identified actions have now been completed - lighting retrofit, air conditioning upgrade and solar PV installation. The next steps to achieve long term sustainability require a deeper understanding of facility performance.

Member Councils have also identified that cost benefit analysis of retrofitting opportunities and benefits to assess financial return on investment is a gap in existing programs and services.

The Regional Benchmarking Building Efficiency Project is proposed to be undertaken over two years and will involve assessing a sufficient number of buildings/facilities of various types across the Region to be able to identify areas of success and highlight areas for potential improvement. It is important to establish a robust database to better understand Key Performance Indicators for each facility type; quantify benefits and financial savings potential; and identify the most cost-effective retrofits and upgrades.

The participation of at least four member Councils in Perth's Eastern Region will provide a sufficient number and range of buildings/facilities (minimum of 100) to achieve a suitable sample of comparative functions, i.e. facility types. Having a suitable number of facilities will also attract a significant volume discount for consulting services for this project, particularly to reduce audit costs.

The benchmarking process will occur in a number of stages across the two year project, as follows:

- Stage 1: Building/facility inventory and collaboration with participating Councils to determine facility types, priority facilities for auditing and benchmarking targets; baseline data collection (EMRC).
- Stage 2: Audits based on AS/NZ 3598:2014 conducted on priority buildings/facilities by a qualified assessor (Consultant) for both energy and water. As part of the audit outcomes, a cost benefit analysis for each priority facility will be undertaken to consider retrofitting opportunities assessing financial return on investment including energy and water efficiency benefits, maintenance and carbon emissions reduction benefits.
- Stage 3: Benchmarking assessment of building/facility performance for each facility type will be conducted. Performance will be divided into categories and outcomes presented (EMRC with input from Consultant).
- Stage 4: Continuous improvement including assistance to develop maintenance schedules and retrofitting programs including business cases for new retrofits and upgrades; assistance to update procurement processes or to integrate minimum standards for building efficiency into Council policies, procedures and strategies (EMRC).
- Regional Sustainability Expo: Coordinated by the EMRC to promote local businesses and connect Councils with suppliers and service providers to assist with design and retrofits.

Timeframes for each stage will be determined by data availability and the number of facilities included. Costs have been estimated based on likely numbers of included facilities and are the maximum expected.

The project will require participation of a minimum of four member Councils (minimum 100 buildings/facilities) in order to proceed.

REGIONAL BENCHMARKING BUILDING EFFICIENCY PROJECT PROPOSED 2019/2020 CONTRIBUTIONS

Benchmarking Building Efficiency Project Year 1	Bassendean Contribution 2019/2020	Bayswater Contribution 2019/2020	Belmont Contribution 2019/2020	Kalamunda Contribution 2019/2020	Mundaring Contribution 2019/2020	Swan Contribution 2019/2020
	\$	\$	\$	\$	\$	\$
EMRC project management, data collation and analysis	11,500	16,000	12,000	16,000	12,000	16,000
Estimated consulting cost	4,600	7,160	6,320	6,920	6,320	11,680
Total per council* 2019/2020	16,100	23,160	18,320	22,920	18,320	27,680

Figures exclude GST

* This estimate is based on a maximum consultant cost for 100 buildings - initial desktop study may reduce the number of level two audits required depending on when audits were previously completed.

For future planning, it is anticipated that the costs for the second year of the project in 2020/2021 including the Regional Sustainability Expo will be as follows:

PROPOSED 2020/2021 CONTRIBUTIONS

Benchmarking Building Efficiency Project Year 2	Bassendean Contribution 2020/2021	Bayswater Contribution 2020/2021	Belmont Contribution 2020/2021	Kalamunda Contribution 2020/2021	Mundaring Contribution 2020/2021	Swan Contribution 2020/2021
	\$	\$	\$	\$	\$	\$
EMRC project management, data collation and analysis	8,500	10,000	9,000	10,000	9,000	10,000
Estimated consulting cost	3,200	3,720	3,440	3,640	3,440	4,560
Total per council** 2020/2021	11,700	13,720	12,440	13,640	12,440	14,560
2 YEAR PROJECT TOTALS**	27,800	36,880	30,760	36,560	30,760	42,240

Figures exclude GST

** This estimate is based on a maximum consultant cost - completion of the Stage One scoping process may reduce the level of analysis required for benchmarking and reduce cost.

REGIONAL COMMUNITY EMISSIONS PROFILE PROJECT (18 MONTHS)

The Regional Community Emissions Profile Project is proposed to be undertaken over 18 months and will involve development of community-wide greenhouse gas emissions profiles by Ironbark Sustainability for the EMRC's member Councils as well as a consolidated profile for the Eastern Metropolitan Region. The EMRC has negotiated a volume discount of 30% for member Councils based on a minimum participation requirement of four Councils. The EMRC proposes to facilitate the regional data provision for the project.

Accurate and detailed community data has been unavailable in the past and has been identified as a gap by member Councils. The Community Emissions Profiles are compliant with the Global Protocol for Community-Scale Greenhouse Gas Emission Inventories (GPC), created by ICLEI Oceania, the World Resources Institute and C40 Cities Climate Leadership Group, and will enable targeting of community activities and areas (e.g. residential energy usage, transport, industrial and commercial emissions) to reduce carbon emissions on a strategic scale.

Ironbark Sustainability currently offers a free community emissions profile to local governments in Australia; however, it is brief and not suitable for setting targets or for use in planning community engagement to reduce emissions.

Deliverables of the project are a GPC-compliant Community Emissions Profile package for the six member Councils of the EMRC and a Consolidated Emissions Profile for the Eastern Metropolitan Region which includes:

- A Community Greenhouse Gas Emissions Profile Report and Activity Data spreadsheet containing all of the information, references, activity data, assumptions, inputs, charts, emission factors and other relevant data;
- Independent verification by ICLEI Oceania to provide Council with confidence in the profile;
- Emissions profile review teleconference; and
- A second follow-up GPC-compliant Community Emissions Profile and Activity Data spreadsheet 12 months after completion of the first profile.

The EMRC cost includes project management, data sourcing and data provision for both profiles.

Regional Workshop for Councils

As a contribution to this regional project, the EMRC will bring a representative of Ironbark Consulting to Perth to conduct a workshop for all participating Councils. The half day workshop with key Council staff will present the community emissions profile and also explain some of the drivers and trends around community greenhouse emissions data, community targets and carbon neutrality, as well as unpacking the latest local government climate change programs – the Global Covenant of Mayors for Climate and Energy, Zero Carbon Communities and the Cities Power Partnership.

For an additional fee, Ironbark Sustainability can also provide a science-derived carbon budget based on the Paris Climate Agreement to provide a framework to set targets and demonstrate a fair share of action being undertaken.

Due to the negotiated volume discount, the project will require participation of a minimum of four member Councils in order to proceed.

**REGIONAL COMMUNITY EMISSIONS PROFILE PROJECT
PROPOSED 2019/2020 CONTRIBUTIONS**

Community Emissions Profile Project	Bassendean Contribution 2019/2020	Bayswater Contribution 2019/2020	Belmont Contribution 2019/2020	Kalamunda Contribution 2019/2020	Mundaring Contribution 2019/2020	Swan Contribution 2019/2020
	\$	\$	\$	\$	\$	\$
A GPC-compliant community emissions profile package*	4,865	4,865	4,865	4,865	4,865	4,865
Science-derived Targets	1,749	1,749	1,749	1,749	1,749	1,749
EMRC project management and data collation**	1,186	1,186	1,186	1,186	1,186	1,186
Total per council	7,800	7,800	7,800	7,800	7,800	7,800

Figures exclude GST

**Figures represent a 30% reduction on individual cost*

***Cost includes both profiles, so there is no cost in 2020/2021*

UNDERSTANDING AND MANAGING FLOOD RISK – STAGE FOUR/FIVE (ONGOING)

The Understanding and Managing Flood Risk staged project is building resilience in Perth's Eastern Region in relation to flood risk by providing the information and tools needed to improve the ability of emergency response agencies and the community to prepare for and take appropriate actions during major flood events as well as inform land use planning and development decision-making.

Outputs from the previous stages of the project have included:

- Peer reviewed hydraulic model;
- Revised floodplain mapping for a range of flood events;
- Flood risk and vulnerability assessments;
- Floodplain Development Strategy; and
- Floodplain mapping and data layers.

Stage Four of the '*Understanding and Managing Flood Risk*' project was developed in early 2017 to build a flood intelligence website and undertake adaptation planning. It was designed to enable local government, state government and emergency management agencies to have a greater understanding of flood risks, together with undertaking flood risk adaptation planning for participating local governments involving internal and external stakeholders to understand, quantify and begin developing flexible adaptation options.

Stage Four is ongoing in 2018/2019 due to a changing state government approach to data. Discussions are being held with the Departments of Water and Environmental Regulation, Fire and Emergency Services and Planning, Lands and Heritage regarding what flood, planning and risk information is being made available via their websites and the information to be held centrally on data.wa.gov.au. This information will be discussed with participating Councils to determine if a separate flood intelligence website is necessary and how they wish to undertake the flood risk adaptation planning. The EMRC will clarify the availability of NDRP funding for Stage Four with the funding body. It is unlikely that Stage Four will be fully completed in 2018/2019 and it may continue into 2019/2020.

Following completion of Stage Four and subject to participating Council requirements, Stage Five of the project will use the outputs from previous stages and is likely to include development of specific local community awareness and engagement materials to support emergency preparedness and community resilience. It is also proposed to consider further detailed flood risk adaptation planning or impact assessments for participating councils to support specific risk management objectives, if required and funding is available. A project proposal will be developed in consultation with all participating Councils regarding the detail and costs for the Stage Five project once Stage Four is completed.

The Understanding and Managing Flood Risk project is funded through contributions from previous years and will continue to be delivered to meet identified outcomes, subject to additional grant funding being available.

ENVIRONMENTAL SERVICES**SUMMARY OF INDIVIDUAL MEMBER COUNCIL PROPOSED COMMITMENTS - 2019/2020**

Individual Member Council Contributions 2019/2020	ERCMP	Sustainability Programs	Regional Benchmarking	Community Emissions Profile	Flood Risk	Total Commitment
	\$	\$	\$	\$	\$	\$
Town of Bassendean	0	42,235	16,100	7,800	0	66,135
City of Bayswater	3,500	0	23,160	7,800	0	34,460
City of Belmont	3,500	46,815	18,320	7,800	0	76,435
City of Kalamunda	41,013	0	22,920	7,800	0	71,733
Shire of Mundaring	41,013	28,362	18,320	7,800	0	95,495
City of Swan	37,513	17,031	27,680	7,800	0	90,024
TOTAL	\$126,539	\$134,443	\$126,500	\$46,800	\$0	\$434,282

SECTION 3: MEMBER COUNCIL INDIVIDUAL FINANCIAL CONTRIBUTIONS

Town of Bassendean

2018/2019	Regional Services Project Summary	2019/2020
\$	Regional Development	\$
0	City Deal (Smart Cities) contribution	0
6,077	Regional Integrated Transport Projects	6,259
8,698	Regional Economic Development	8,959
5,541	Regional Events Program	2,169
20,316	Regional Development Sub Total	17,387
\$	Environmental Services	\$
0	Eastern Region Catchment Management Program - Natural Resource Management (<i>including Bush Skills 4 Youth</i>)	0
41,005	Sustainability Programs - Energy, Water and Climate Change (<i>excluding Planet Footprint subscription renewal</i>)	42,235
0	Regional Benchmarking Building Efficiency Project (<i>maximum cost</i>)	16,100
0	Regional Community Emissions Profile Project	7,800
10,000	Understanding and Managing Flood Risk Stage Four/Five (<i>subject to funding</i>)	0
54,505	Environmental Services Sub Total	66,135
74,821	Total Funding Being Sought	83,522

Figures exclude GST

City of Bayswater

2018/2019	Regional Services Project Summary	2019/2020
\$	Regional Development	\$
0	City Deal (Smart Cities) contribution	0
12,232	Regional Integrated Transport Projects	12,599
15,516	Regional Economic Development	15,983
11,184	Regional Events Program	4,378
38,932	Regional Development Sub Total	32,960
	Environmental Services	\$
3,500	Eastern Region Catchment Management Program - Natural Resource Management (<i>including Bush Skills 4 Youth</i>)	3,500
0	Sustainability Programs - Energy, Water and Climate Change (<i>excluding Planet Footprint subscription renewal</i>)	0
	Regional Benchmarking Building Efficiency Project (<i>maximum cost</i>)	23,160
	Regional Community Emissions Profile Project	7,800
10,000	Understanding and Managing Flood Risk Stage Four/Five (<i>subject to funding</i>)	0
13,500	Environmental Services Sub Total	34,460
52,432	Total Funding Being Sought	67,420

Figures exclude GST

City of Belmont

2018/2019	Regional Services Project Summary	2019/2020
\$	Regional Development	\$
0	City Deal (Smart Cities) contribution	0
10,338	Regional Integrated Transport Projects	10,648
13,418	Regional Economic Development	13,821
9,515	Regional Events Program	3,723
33,271	Regional Development Sub Total	28,192
	Environmental Services	\$
3,500	Eastern Region Catchment Management Program - Natural Resource Management (<i>including Bush Skills 4 Youth</i>)	3,500
45,451	Sustainability Programs - Energy, Water and Climate Change (<i>excluding Planet Footprint subscription renewal</i>)	46,815
	Regional Benchmarking Building Efficiency Project (<i>maximum cost</i>)	18,320
	Regional Community Emissions Profile Project	7,800
10,000	Understanding and Managing Flood Risk Stage Four/Five (<i>subject to funding</i>)	0
58,951	Environmental Services Sub Total	76,435
92,222	Total Funding Being Sought	104,627

Figures exclude GST

City of Kalamunda

2018/2019	Regional Services Project Summary	2019/2020
\$	Regional Development	\$
0	City Deal (Smart Cities) contribution	0
11,048	Regional Integrated Transport Projects	11,379
0	Regional Economic Development	13,821
0	Regional Events Program	0
11,048	Regional Development Sub Total	25,200
	Environmental Services	\$
39,920	Eastern Region Catchment Management Program - Natural Resource Management (<i>including Bush Skills 4 Youth</i>)	41,013
0	Sustainability Programs - Energy, Water and Climate Change (<i>excluding Planet Footprint subscription renewal</i>)	0
	Regional Benchmarking Building Efficiency Project (<i>maximum cost</i>)	22,920
	Regional Community Emissions Profile Project	7,800
0	Understanding and Managing Flood Risk Stage Four/Five (<i>subject to funding</i>)	0
39,920	Environmental Services Sub Total	71,733
50,968	Total Funding Being Sought	96,933

Figures exclude GST

Shire of Mundaring

2018/2019	Regional Services Project Summary	2019/2020
\$	Regional Development	\$
0	City Deal (Smart Cities) contribution	0
9,628	Regional Integrated Transport Projects	9,917
12,632	Regional Economic Development	13,011
0	Regional Events Program	0
22,260	Regional Development Sub Total	22,928
	Environmental Services	\$
39,920	Eastern Region Catchment Management Program - Natural Resource Management (<i>including Bush Skills 4 Youth</i>)	41,013
27,536	Sustainability Programs - Energy, Water and Climate Change (<i>excluding Planet Footprint subscription renewal</i>)**	28,362
	Regional Benchmarking Building Efficiency Project (<i>maximum cost</i>)	18,320
	Regional Community Emissions Profile Project	7,800
0	Understanding and Managing Flood Risk Stage Four/Five (<i>subject to funding</i>)	0
67,456	Environmental Services Sub Total	95,495
89,716	Total Funding Being Sought	118,423

Figures exclude GST

** Please Note: Energy and Water only

City of Swan

2018/2019	Regional Services Project Summary	2019/2020
\$	Regional Development	\$
0	City Deal (Smart Cities) contribution	0
21,703	Regional Integrated Transport Projects	22,354
0	Regional Economic Development	0
0	Regional Events Program	7,612
21,703	Regional Development Sub Total	29,966
	Environmental Services	\$
39,920	Eastern Region Catchment Management Program - Natural Resource Management (<i>including Bush Skills 4 Youth</i>)	37,513
16,535	Sustainability Programs - Energy, Water and Climate Change (<i>excluding Planet Footprint subscription renewal</i>)**	17,031
	Regional Benchmarking Building Efficiency Project (<i>maximum cost</i>)	27,680
	Regional Community Emissions Profile Project	7,800
10,000	Understanding and Managing Flood Risk Stage Four/Five (<i>subject to funding</i>)	0
66,455	Environmental Services Sub Total	90,024
88,158	Total Funding Being Sought	119,990

Figures exclude GST

** Please note: Water only



11.2 ITEMS CONTAINED IN THE INFORMATION BULLETIN

REFERENCE: D2018/14430

The following items are included in the Information Bulletin, which accompanies the Agenda.

1. REGIONAL SERVICES

- 1.1 REGIONAL SERVICES ACTIVITY REPORT JULY TO SEPTEMBER 2018
(Ref: D2018/15043)

RECOMMENDATION

That the Chief Executive Officers Advisory Committee notes the items contained in the Information Bulletin accompanying the 20 November 2018 Chief Executive Officers Advisory Committee Agenda.

CEOAC RESOLUTION

MOVED MR BRIEN

SECONDED MR CHRISTIE

THAT THE CHIEF EXECUTIVE OFFICERS ADVISORY COMMITTEE NOTES THE ITEMS CONTAINED IN THE INFORMATION BULLETIN ACCOMPANYING THE 20 NOVEMBER 2018 CHIEF EXECUTIVE OFFICERS ADVISORY COMMITTEE AGENDA.

CARRIED UNANIMOUSLY



12 REPORTS OF DELEGATES

Nil

13 NEW BUSINESS OF AN URGENT NATURE APPROVED BY THE CHAIRMAN OR PRESIDING MEMBER OR BY DECISION OF MEETING

Nil

14 GENERAL BUSINESS

14.1 EVENTS IN THE REGION

Mayoral Dinner City of Swan 4 May 2019

14.2 OTHER GENERAL BUSINESS

On behalf of the CEOAC the Deputy Chairman formally acknowledged and thanked Mr Schneider for his contribution and guidance to the EMRC over the past 9 years. The other members of the CEOAC echoed the sentiment and congratulated Mr Schneider on his new role and wished him all the best.

Mr Schneider conveyed his gratitude to the CEOAC members for their level of support and input over the years and noted that he had found it an immense benefit. He wished everyone the best for the future.

15 CONFIDENTIAL MATTERS FOR WHICH THE MEETING MAY BE CLOSED TO THE PUBLIC

Nil

16 FUTURE MEETINGS OF THE CHIEF EXECUTIVE OFFICERS ADVISORY COMMITTEE

The next meeting of the Chief Executive Officers Advisory Committee will be held on **5 February 2019** at the EMRC Administration Office, 1st Floor, 226 Great Eastern Highway, Belmont WA 6104 commencing at 12:30pm with lunch at 12noon.

Future Meetings 2019

Tuesday	5	February		at	EMRC Administration Office
Tuesday	5	March *	(informal)	at	City of Belmont
Tuesday	2	April		at	EMRC Administration Office
Tuesday	7	May	(informal)	at	City of Bayswater
Tuesday	4	June *		at	EMRC Administration Office
Tuesday	2	July	(informal)	at	Shire of Mundaring
Tuesday	6	August		at	EMRC Administration Office
Tuesday	3	September	(informal)	at	City of Kalamunda
Tuesday	8	October	(if required)	at	EMRC Administration Office
Tuesday	19	November		at	EMRC Administration Office

*** Please note the Monday prior to the March (informal) and June meetings is a Public Holiday.**

17 DECLARATION OF CLOSURE OF MEETING

There being no further business the meeting was closed at 1:24pm.

TECHNICAL ADVISORY COMMITTEE

MINUTES

22 November 2018

(REF: D2018/14820 (TAC) - D2018/15616)

A meeting of the Technical Advisory Committee was held at the Red Hill Waste Management Facility, 1094 Toodyay Road, Red Hill WA 6056 on **Thursday, 22 November 2018**. The meeting commenced at **1:00pm**.

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1 DECLARATION OF OPENING AND ANNOUNCEMENT OF VISITORS

The Chief Executive Officer opened the meeting at 1:00pm.

2 ATTENDANCE, APOLOGIES AND LEAVE OF ABSENCE (PREVIOUSLY APPROVED)

Committee Members

Mr Simon Stewert-Dawkins	Director Operational Services	Town of Bassendean
Mr Michael Worthington (Deputising for Mr Pearson)	Manager Environmental Health	City of Bayswater
Mr Brett Jackson	Director Asset Services	City of Kalamunda
Mr Shane Purdy	Director Infrastructure Services	Shire of Mundaring
Mr Jim Coten	Executive Manager Operations	City of Swan
Mr Peter Schneider	Chief Executive Officer	EMRC

Apologies

Mr Doug Pearson	Director Technical Services	City of Bayswater
Mr Murray Ralph	Acting Director Technical Services	City of Belmont

EMRC Officers

Mr Stephen Fitzpatrick	Director Waste Services
Mr Hua Jer Liew	Director Corporate Services
Mr Dave Beresford	Manager Resource Recovery
Mr Stephen Conway	Manager Engineering & Waste Services
Ms Annette Rakich	Administration Officer (Minutes)

Observer(s)

Mr Steve Morrison	Manager - Works	City of Belmont
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The Chief Executive Officer advised that following the meeting, a site tour will be conducted by the Director Waste Services and his team.

The Chief Executive Officer advised that the Chairman Mr Lutey had officially resigned, effective 2 November 2018. Advice has been received from the City of Belmont that Mr Alan Sheridan will commence as the Director Infrastructure Services (previously Director Technical Services) on 14 January 2018.

The Chief Executive Officer called for nominations for the appointment of a member to preside at the meeting.

Mr Jackson nominated himself and assumed the role of the Presiding Member at 1:04pm.

3 DISCLOSURE OF INTERESTS

Nil

4 ANNOUNCEMENTS BY THE CHAIRMAN OR PRESIDING MEMBER WITHOUT DISCUSSION

Nil

5 PETITIONS, DEPUTATIONS AND PRESENTATIONS

Nil



6 CONFIRMATION OF MINUTES OF PREVIOUS MEETINGS

6.1 MINUTES OF THE TECHNICAL ADVISORY COMMITTEE MEETING HELD ON 4 OCTOBER 2018

That the Minutes of the Technical Advisory Committee meeting held on 4 October 2018 which have been distributed, be confirmed.

TAC RESOLUTION(S)

MOVED MR PURDY

SECONDED MR STEWERT-DAWKINS

THAT THE MINUTES OF THE TECHNICAL ADVISORY COMMITTEE MEETING HELD ON 4 OCTOBER 2018 WHICH HAVE BEEN DISTRIBUTED, BE CONFIRMED.

CARRIED UNANIMOUSLY

7 QUESTIONS BY MEMBERS OF WHICH DUE NOTICE HAS BEEN GIVEN

Nil

8 QUESTIONS BY MEMBERS WITHOUT NOTICE

Nil

9 ANNOUNCEMENT OF CONFIDENTIAL MATTERS FOR WHICH MEETINGS MAY BE CLOSED TO THE PUBLIC

Nil

10 BUSINESS NOT DEALT WITH FROM A PREVIOUS MEETING

Nil



11 REPORTS OF EMPLOYEES

11.1 TENDER 2018-009 STAGE 15B LANDFILL CELL EXTENSION

REFERENCE: D2018/14825 (TAC) – D2018/16275

PURPOSE OF REPORT

The purpose of this report is to advise Council of the results of Tender 2018-009 to construct the Red Hill Waste Management Facility Stage 15B Landfill Cell Extension and recommend acceptance of the Tender from WBHO Infrastructure Pty Ltd.

KEY ISSUES AND RECOMMENDATION(S)

- A tender for the construction of the Red Hill Waste Management Facility Stage 15B Landfill Cell Extension was advertised on 10 October 2018.
- Tenders closed on 26 October 2018 with two (2) submissions being received.
- The tender called for the construction of a landfill extension cell to connect Stage 15 to the completed stages to the west (Stages 3, 4 and 5).

Recommendation(s)

That:

1. Council award Tender 2018-009 – Stage 15B Landfill Cell Extension to WBHO Infrastructure Pty Ltd for \$457,374.22 (ex. GST).
2. The CEO be authorised on behalf of the EMRC to enter into a contract with WBHO Infrastructure Pty Ltd in accordance with their submitted tender, subject to any minor variations that may be agreed on between the CEO and WBHO Infrastructure Pty Ltd.
3. Council authorise a 10% contingency on the contract sum for contract variations for Tender 2018-009.

SOURCE OF REPORT

Director Waste Services

BACKGROUND

As part of the development of the Red Hill Waste Management Facility, new landfill cells are constructed in time to facilitate the ongoing acceptance of waste. The current cell for Class III waste (Stage 15) is projected to be filled by April 2019. A new landfill cell for Class III waste is required to be built in the summer of 2018/2019 and the area to the west of Stage 15 and adjoining Stages 3, 4 and 5 has been identified as the preferred location and is referred to as "Stage 15B". Stage 15B is an extension landfill cell which goes over the top of stage 15 and stages 3, 4 and 5. This extension cell will add up to 13 months capacity to Stage 15 under current waste volumes extending the cell life to May 2020.

The design of the proposed Stage 15B Landfill Cell Extension has been completed by Talis Consultants in accordance with best practice landfill guidelines. The lining system consists of a compacted clay sub layer overlaid with a geosynthetic clay liner (GCL) and a high density polyethylene liner (HDPE) protected by a geotextile fabric layer.



Item 11.1 continued

It is intended to award a contract to shape the cell extension, and construct the barrier layers. The contract includes all labour, plant, materials, supervision, survey and everything else required for the construction, lining and completion of the Stage 15B Landfill Cell Extension.

REPORT

Tender 2018-009 for the construction of Red Hill Stage 15B Landfill Cell Extension was advertised on 10 October 2018. Tenders closed on 26 October 2018 and submissions were received from:

- a) Densford Civil Pty Ltd; and
- b) WBHO Infrastructure Pty Ltd.

A detailed bill of quantities was submitted by each tenderer under four (4) main tasks:

- Preliminary and Special Requirements;
- Site Clearance;
- Excavation and filling of Stage 15 Landfill Extension; and
- Miscellaneous.

An evaluation panel of EMRC officers assessed the submissions on the following criteria:

Assessment Criteria	Weighting
(a) Previous experience in bulk excavation and clay lining/capping	20%
(b) Previous experience in the installation of Geosynthetic and Geocomposite materials	20%
(c) Safety Management Plan	10%
(d) Environmental Management Plan	10%
(e) Tendered price inclusive of all operating expenses	40%

After combining the weighted scores for both the qualitative criteria and price, WBHO Infrastructure Pty Ltd represented the highest rated overall assessment.

Based on the panel's evaluation, the submission from WBHO Infrastructure Pty Ltd demonstrated the most advantageous submission and is considered to offer the best value for money. The Schedule of Rates against the specified Bill of Quantities submitted by WBHO Infrastructure Pty Ltd amounted to an estimated total value of \$457,374.22 (ex. GST). The construction period is estimated to be 5 weeks.

A contingency allowance of 10% of the contract sum is recommended to allow for any unforeseen circumstances that may arise during the contract works.

A drawing is attached showing the proposed Scope of Works for Stage 15B (Attachment).

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 1 – Environmental Sustainability

- 1.1 To provide sustainable waste disposal operations
- 1.2 To improve regional waste management



Item 11.1 continued


FINANCIAL IMPLICATIONS

The amount allowed for in the adopted 2018/2019 Annual Budget adequately covers the cost of this tender.

SUSTAINABILITY IMPLICATIONS

In order to provide sustainable waste management, the provision of airspace in advance of it being required, is essential.

MEMBER COUNCIL IMPLICATIONS

Member Council	Implication Details
Town of Bassendean	 Nil
City of Bayswater	
City of Belmont	
City of Kalamunda	
Shire of Mundaring	
City of Swan	

ATTACHMENT(S)

Drawing – Stage 15B Landfill Cell Extension (Ref: D2018/16276)

VOTING REQUIREMENT

Simple Majority

RECOMMENDATION(S)

That:

1. Council award Tender 2018-009 – Stage 15B Landfill Cell Extension to WBHO Infrastructure Pty Ltd for \$457,374.22 (ex. GST).
2. The CEO be authorised on behalf of the EMRC to enter into a contract with WBHO Infrastructure Pty Ltd in accordance with their submitted tender, subject to any minor variations that may be agreed on between the CEO and WBHO Infrastructure Pty Ltd.
3. Council authorise a 10% contingency on the contract sum for contract variations for Tender 2018-009.



Item 11.1 continued

Discussion ensued

The Director Waste Services provided a brief overview of the report and responded to questions from members.

TAC RECOMMENDATION(S)

MOVED MR COTEN

SECONDED MR PURDY

That:

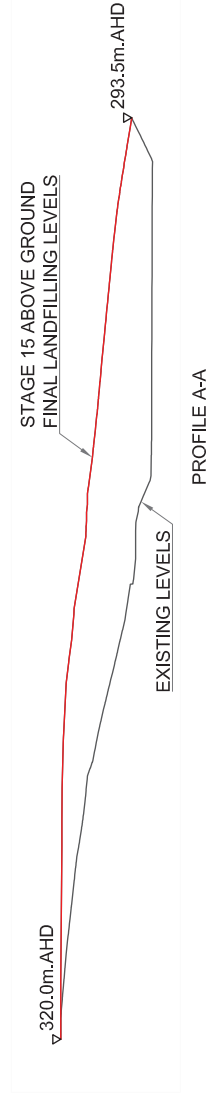
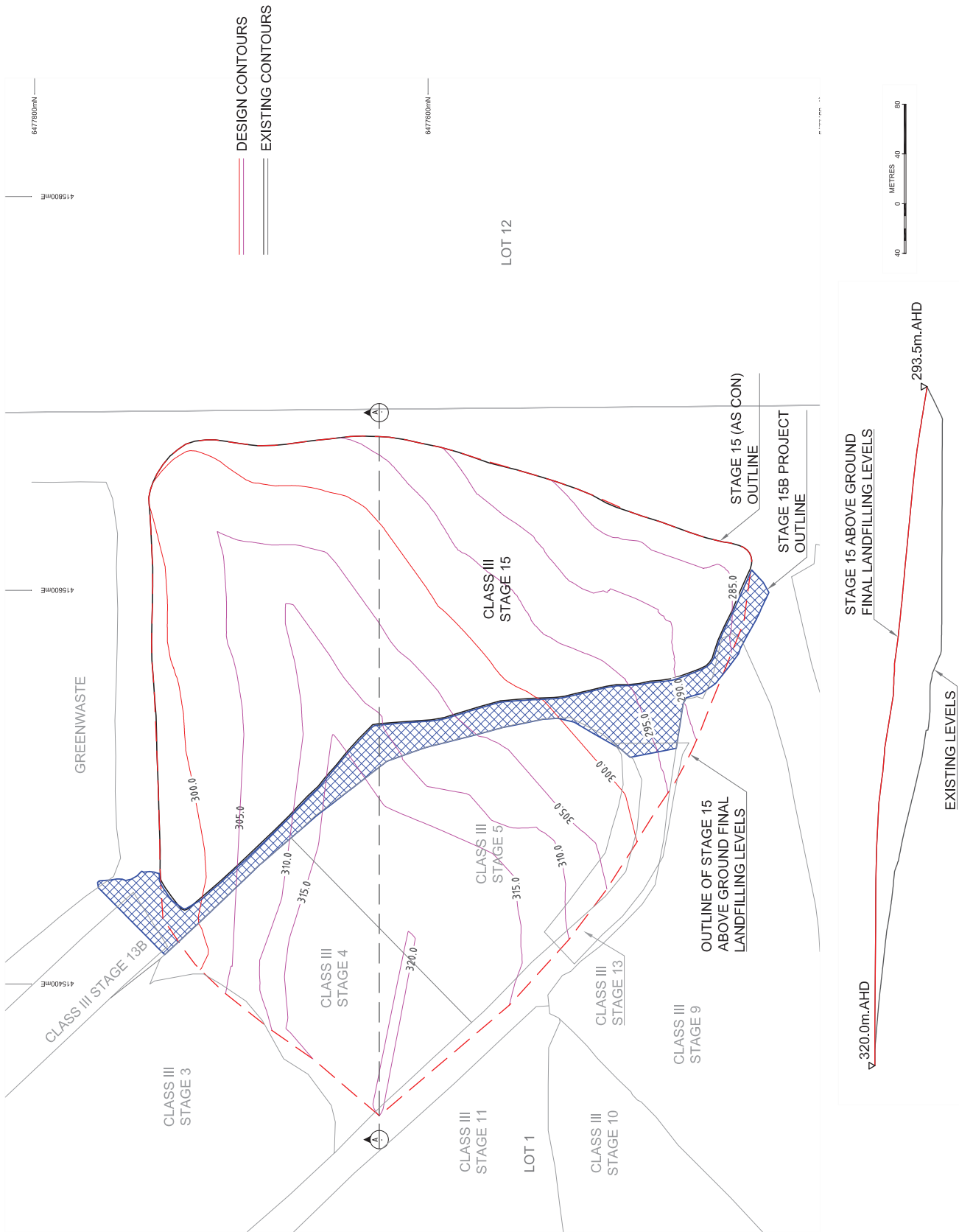
1. Council award tender number 2018-009 – Stage 15B Landfill Cell Extension Construction to WBHO Infrastructure Pty Ltd for \$457,374.22 (ex. GST).
2. The CEO be authorised on behalf of the EMRC to enter into a contract with WBHO Infrastructure Pty Ltd in accordance with their submitted tender, subject to any minor variations that may be agreed on between the CEO and WBHO Infrastructure Pty Ltd.
3. Council authorise a 10% contingency on the contract sum for contract variations for Tender 2018-009.

CARRIED UNANIMOUSLY

COUNCIL RESOLUTION(S)

MOVED CR

SECONDED CR



<div> Eastern Metropolitan Regional Council 1st Floor Ascot Place, 226 Great Eastern Hwy Northcote, Victoria 3070 Australia PO Box 234 Belmont Western Australia 6184</div>										DRAWING NO. 2014-08-15		
PROJECT NAME STAGE 15										SHEET NO. 1 OF 1		SCALE AS SHOWN
SITE RED HILL WASTE MANAGEMENT FACILITY										TITLE FINAL LANDFILLING		
DESIGNED MT 01/2018 DRAWN AS 01/2018 CHECKED SC 11/2018										ADDRESS 1094 TOODYAY ROAD RED HILL		
APPROVED SC MANAGER, ENG. & WASTE OPERATIONS												
TAC MEETING 15-11/2018										CONCEPT DRAWING		
B MT										DATE		
NO INT												



11.2 TENDER 2018-010 PROVISION OF A SERVICE TO OPERATE AND MAINTAIN THE HAZELMERE WOOD WASTE TO ENERGY PLANT

REFERENCE: D2018/14870 (TAC) – D2018/16277

PURPOSE OF REPORT

The purpose of this report is to award Tender 2018-010 for the Provision of a Service to Operate and Maintain the Hazelmere Wood Waste to Energy (WWTE) Plant and finalise a contract with the preferred tenderer.

KEY ISSUES AND RECOMMENDATION(S)

- A re-tender for the provision of a service to operate and maintain the Hazelmere Wood Waste to Energy Plant was advertised on 15 September 2018 and closed on 5 October 2018.
- The successful tenderer will be required to undertake all operations and maintenance of the Wood Waste to Energy Plant after successful commissioning and handover by the design and construction contractor Anergy Pty Ltd in the first quarter of 2019.

Recommendation(s)

That:

1. Council Award Tender 2018-010 Provision of a Service to Operate and Maintain the Hazelmere Wood Waste to Energy Plant to Monadelphous Engineering Associates Pty Ltd at the listed rates forming the Attachment to this report for a two (2) year period commencing during the commissioning and acceptance testing of the plant, with an option for two (2) single year extensions at the discretion of the EMRC.
2. The CEO be authorised to enter into a contract on behalf of the EMRC with Monadelphous Engineering Associates Pty Ltd in accordance with their submitted tender, subject to any minor variations that may be agreed on between the EMRC CEO and Monadelphous Engineering Associates Pty Ltd.
3. The contract rates for Tender 2018-010 are adjusted annually at each anniversary of the contract based on the Wage Price Index (WPI) for Western Australia published by the Australian Bureau of Statistics publication 6345.0 Table 8a, over the previous twelve months.

SOURCE OF REPORT

Director Waste Services

BACKGROUND

The Hazelmere Wood Waste to Energy (WWTE) Plant is due for completion in the first quarter of 2019 followed by commissioning by Anergy and handover to the EMRC. At the time of the award of the design and construct contract to Anergy Pty Ltd (formerly Ansac Pty Ltd), the EMRC had anticipated that it would operate and maintain the plant using its own staff. Upon further analysis it is believed there will be lower risk to have an experienced contractor operate and maintain the plant during the first two (2) years of operation after which the EMRC could run the facility with appropriate staff.



Item 11.2 continued

A previous Tender (RFT 2016-007) for the Operations and Maintenance of the Wood Waste to Energy Plant was awarded to Monadelphous Engineering Associates Pty Ltd at the 18 May 2017 Council meeting.

However, due to delays to the plant construction programme, significant time had passed since the award of the tender and shifts in the labour market had necessitated Monadelphous submitting revised rates to the EMRC in August 2018. The EMRC was unable to negotiate an acceptable variation of the rates with Monadelphous within the constraints of the Council resolution and the *Local Government Act 1995* and it was therefore necessary to retender for the required services.

REPORT

A re-tender for the provision of a service to operate and maintain the Hazelmere WWTE Plant was advertised on 15 September 2018.

The successful contractor will be required to supply all labour, plant, supervision, materials and all items associated with undertaking the management, operation and maintenance services of the WWTE Plant commencing during the commissioning phase of plant anticipated to be the first quarter of 2019.

They will be required to fulfil all other works that are reasonably within the capabilities of the contractor, per the requirements described in the Specification and as shown on the Drawings, Reference Documents and for complying with the General and Special Conditions of the Contract, together with any additional work or variations ordered by the Superintendent or the Superintendent's Representative.

Two (2) compliant submissions were received as follows:

1. Monadelphous Engineering Associates Pty Ltd; and
2. Tempo Pty Ltd Pty Ltd.

An evaluation panel assessed the two (2) submissions on the following criteria:

Description of Qualitative Criteria	Weighting
(a) Technical capabilities and capacity to provide service.	25%
(b) Tenderer's demonstrated experience in providing similar service.	15%
(c) Service execution methodology.	15%
(d) OH&S Management.	15%

Price was evaluated using a weighted cost criteria as follows:

Criteria	Weighting
Tendered price inclusive of all plant, equipment, labour and materials etc required to complete the works.	30%

After combining the weighted scores for both the qualitative criteria and price, Monadelphous Engineering Associates Pty Ltd represented the highest rated overall assessment.

Based on the panel's evaluation, the tender from Monadelphous Engineering Associates Pty Ltd demonstrated the most advantageous submission and is considered to offer the best value for money.



Item 11.2 continued

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 1 – Environmental Sustainability

- 1.1 To provide sustainable waste disposal operations
- 1.2 To provide resource recovery and recycling solutions in partnership with member Councils

FINANCIAL IMPLICATIONS

The cost of operating and maintaining the Hazelmere WWTE plant is provided for in the adopted 2018/2019 Annual Budget and subsequent years. Based on the tendered schedule of rates, the estimated value of the contract over two (2) years is \$2,736,969.00 (ex GST). If the two (2) one (1) year extensions are exercised, this would add another \$2,686,875.00 (ex GST) resulting in a total contract value estimated at \$5,423,844.00 (ex GST and WPI increases).

SUSTAINABILITY IMPLICATIONS

The Hazelmere WWTE Plant will provide renewable energy (which offsets fossil fuel powered generation) for export and biochar from wood chip that would otherwise be sent to landfill.

MEMBER COUNCIL IMPLICATIONS

Member Council	Implication Details
Town of Bassendean	
City of Bayswater	
City of Belmont	
City of Kalamunda	
Shire of Mundaring	
City of Swan	

ATTACHMENT(S)

Monadelphous Engineering Associates Pty Ltd - Schedule of Rates (Ref: D2018/16278)

VOTING REQUIREMENT

Simple Majority



Item 11.2 continued

RECOMMENDATION(S)

That:

1. Council Award Tender 2018-010 Provision of a Service to Operate and Maintain the Hazelmere Wood Waste to Energy Plant to Monadelphous Engineering Associates Pty Ltd at the listed rates forming the Attachment to this report for a two (2) year period commencing during the commissioning and acceptance testing of the plant, with an option for two (2) single year extensions at the discretion of the EMRC.
2. The CEO be authorised to enter into a contract on behalf of the EMRC with Monadelphous Engineering Associates Pty Ltd in accordance with their submitted tender, subject to any minor variations that may be agreed on between the EMRC CEO and Monadelphous Engineering Associates Pty Ltd.
3. The contract rates for Tender 2018-010 are adjusted annually at each anniversary of the contract based on the Wage Price Index (WPI) for Western Australia published by the Australian Bureau of Statistics publication 6345.0 Table 8a, over the previous twelve months.

Discussion ensued

The Director Waste Services provided a brief overview of the report and responded to questions from members.

TAC RECOMMENDATION(S)

MOVED MR PURDY

SECONDED MR STEWERT-DAWKINS

That:

1. Council Award Tender 2018-010 Provision of a Service to Operate and Maintain the Hazelmere Wood Waste to Energy Plant to Monadelphous Engineering Associates Pty Ltd at the listed rates forming the Attachment to this report for a two (2) year period commencing during the commissioning and acceptance testing of the plant, with an option for two (2) single year extensions at the discretion of the EMRC.
2. The CEO be authorised to enter into a contract on behalf of the EMRC with Monadelphous Engineering Associates Pty Ltd in accordance with their submitted tender, subject to any minor variations that may be agreed on between the EMRC CEO and Monadelphous Engineering Associates Pty Ltd.
3. The contract rates for Tender 2018-010 are adjusted annually at each anniversary of the contract based on the Wage Price Index (WPI) for Western Australia published by the Australian Bureau of Statistics publication 6345.0 Table 8a, over the previous twelve months.

CARRIED UNANIMOUSLY

COUNCIL RESOLUTION(S)

MOVED CR

SECONDED CR

RFT 2018-010 – Provision of a Service to Operate and Maintain the Hazelmere Wood Waste to Energy Plant SCHEDULE OF RATES - PRICE SCHEDULE Monadelphous Engineering Associates Pty Ltd					
Item No	Position	Quantity of Staff	Tender Unit	Unit Rate (ex GST)	Overtime Rate (ex GST)
Operations Personnel (including salary on-costs)					
a	Day Shift Operator/Maintainer Mechanical (Mon-Fri 07.00am to 15.30pm)	1	\$ Hourly Rate per Person	\$90.32	\$103.87
b	Day Shift Operator/Maintainer E&I (Mon-Fri 07.00am to 15.30pm)	1	\$ Hourly Rate per Person	\$95.97	\$110.37
c	Afternoon Shift Operator/Maintainer Mechanical (Mon-Fri 14.30pm to 23.00pm)	1	\$ Hourly Rate per Person	\$90.32	\$103.87
d	Afternoon Shift Operator/Maintainer E&I (Mon-Fri 14.30pm to 23.00pm)	1	\$ Hourly Rate per Person	\$95.97	\$110.37
e	Rotation of above personnel fortnightly between Day & Afternoon shift			\$0.00	\$0.00
Other Personnel					
a	1 x Site Operations Manager / Superintendent	1	\$ Hourly Rate per Person	\$138.78	\$159.60
b	2 x Casual Operators/Maintainers (Mech & E&I)	2	\$ Hourly Rate per Person	\$93.15	\$107.12
c	Apprentice Operator/Maintainer (Mech & E&I)	1	\$ Hourly Rate per Person	\$58.00	\$66.71
d	Maintenance Planner / Engineer	1	\$ Hourly Rate per Person	\$126.67	\$145.67
e	HSEQ Advisor	1	\$ Hourly Rate per Person	\$98.40	\$113.16



11.3 REFURBISHMENT OF LANDFILL COMPACTORS FOR THE RED HILL WASTE MANAGEMENT FACILITY

REFERENCE: D2018/13667 (TAC) – D2018/16279

PURPOSE OF REPORT

The purpose of this report is to seek delegated authority for the CEO to accept quotations for spare parts and repairs to refurbish the EMRC's Bomag Landfill Compactors at Red Hill Waste Management Facility.

KEY ISSUES AND RECOMMENDATION(S)

- The EMRC owns three (3) Bomag Landfill Compactors for the compaction of waste in the operating landfill cell.
- Of these three (3) compactors, the newest machine has an estimated 6,500 hours of service left, one (1) is due for replacement and the oldest machine has been retained as a spare because of the low resale value.
- A business case has been developed proposing that the two (2) older machines be refurbished to nearly new condition in lieu of purchasing a new machine, saving considerable capital costs and ensuring that a new compactor purchase can be delayed for up to 10 years.
- The combined refurbishment cost for the two (2) machines is approximately \$509,747 (ex GST) which is above the tender limit of \$150,000 (ex GST).
- Tutt Bryant Equipment is the sole agent in Australia for Bomag Compaction Equipment and the only supplier of parts.
- In accordance with *Local Government (Functions and General) Regulations 1996 r.11(2)(f)* it is proposed that public tenders not be invited on this occasion as this is a sole supplier situation.
- Approval is sought for delegated authority to be granted to the CEO to purchase spare parts and repairs for the Bomag landfill compactors at Red Hill Waste Management Facility directly from BT Equipment Pty Ltd T/A Tutt Bryant Equipment.

Recommendation(s)

That Council:

1. Acknowledges that BT Equipment Pty Ltd T/A Tutt Bryant Equipment are the sole agent in Australia for Bomag Compaction Equipment and the only supplier of parts capable of the refurbishment of the two (2) older Bomag BC1172RB landfill compactors and therefore in accordance with *Local Government (Functions and General) Regulations 1996 r.11(2)(f)*, tenders will not be invited on this occasion.
2. Grant the CEO delegated authority to accept the submitted quotation from BT Equipment Pty Ltd T/A Tutt Bryant Equipment of \$509,747 (ex GST) for the refurbishment of the Bomag BC1172RB Landfill Compactors P2305 and P1942, subject to any minor variations that may be agreed on between the CEO and BT Equipment Pty Ltd T/A Tutt Bryant Equipment.
3. Authorise a 20% contingency allowance on the quoted price of the refurbishment to allow for any unforeseen circumstances that may arise.

SOURCE OF REPORT

Director Waste Services



Item 11.3 continued

BACKGROUND

The landfill compactor is a critical piece of equipment at the Red Hill Waste Management Facility. By achieving sustained high levels of compaction, the airspace consumption for each tonne of waste received is reduced, thus increasing the profitability per cubic metre of airspace.

The EMRC currently owns three (3) Bomag BC1172RB Landfill Compactors (P1942, P2305 and P3210), the newest of which (P3210) was purchased in 2016 and has about 2.5 years of life left before reaching the normal plant replacement of 10,000 hours. Of the other two (2) machines, P1942 is the oldest and was retained when replaced by P3210 in 2016 due to low resale value and to avoid providing a low cost option to EMRC's competitors. The other machine P2305 is the back-up compactor and is due for replacement in 2018/2019 having reached its replacement hours.

REPORT

A financial analysis was developed comparing the refurbishment of the two (2) older Bomag BC1172RB Landfill Compactors to nearly new condition versus purchasing a new machine. The combined refurbishment cost is estimated at approximately \$509,747 ex GST for the two (2) machines. This compares favourably against the cost of a new Bomag at \$1,500,000 (ex GST), thus saving considerable capital costs. This would also mean that the EMRC would not have to purchase a new compactor for up to 10 years.

The refurbishment cost of approximately \$509,747 (ex GST) would be undertaken by Tutt Bryant Equipment as the sole agent in Australia for Bomag Compaction Equipment and the only supplier of the parts. This cost exceeds the tender limit of \$150,000 (ex GST) under *r.11(1)* of the *Local Government (Functions and General) 1996*. However, the *Local Government (Functions and General) Regulations 1996 r.11(2)(f)* states that where a local government has good reason to believe that, because of the unique nature of the goods or services required or for any other reason, it is unlikely that there is more than one (1) potential supplier, then tenders do not need to be invited.

Therefore it is proposed that public tenders not be invited on this occasion as this is a sole supplier situation and that approval for delegated authority be granted to the CEO to purchase spare parts and repairs for the Bomag landfill compactors at Red Hill Waste Management Facility directly from BT Equipment Pty Ltd T/A Tutt Bryant Equipment.

A contingency allowance of 20% is required to allow for any unforeseen circumstances that may arise during the refurbishment. This contingency would cover potential costs that can only be determined when the landfill compactors are pulled apart during the refurbishment process. The refurbishment work will be covered by warranty from Tutt Bryant Equipment (six (6) months on parts and three (3) months on labour).

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 1 – Environmental Sustainability

1.1 To provide sustainable waste disposal operations

FINANCIAL IMPLICATIONS

The purchase of a replacement landfill compactor is provided for in the adopted 2018/2019 Annual Budget under the plant replacement program. This capital cost provision will be used for the refurbishment of the two (2) older Bomag landfill compactors.


SUSTAINABILITY IMPLICATIONS

The deployment of an appropriate compactor has economic and environmental benefits.



Item 11.3 continued

MEMBER COUNCIL IMPLICATIONS

Member Council	Implication Details
Town of Bassendean	 Nil
City of Bayswater	
City of Belmont	
City of Kalamunda	
Shire of Mundaring	
City of Swan	

ATTACHMENT(S)

Nil

VOTING REQUIREMENT

Simple Majority

RECOMMENDATION(S)

That Council:

1. Acknowledges that BT Equipment Pty Ltd T/A Tutt Bryant Equipment are the sole agent in Australia for Bomag Compaction Equipment and the only supplier of parts capable of the refurbishment of the two (2) older Bomag BC1172RB landfill compactors and therefore in accordance with *Local Government (Functions and General) Regulations 1996 r.11(2)(f)*, tenders will not be invited on this occasion.
2. Grant the CEO delegated authority to accept the submitted quotation from BT Equipment Pty Ltd T/A Tutt Bryant Equipment of \$509,747 (ex GST) for the refurbishment of the Bomag BC1172RB Landfill Compactors P2305 and P1942, subject to any minor variations that may be agreed on between the CEO and BT Equipment Pty Ltd T/A Tutt Bryant Equipment.
3. Authorise a 20% contingency allowance on the quoted price of the refurbishment to allow for any unforeseen circumstances that may arise.



Item 11.3 continued

Discussion ensued

The CEO congratulated the EMRC staff and said it was a great outcome financially and strategically. The Director Waste Services responded to questions from members.

TAC RECOMMENDATION(S)

MOVED MR COTEN

SECONDED MR PURDY

That Council:

1. Acknowledges that BT Equipment Pty Ltd T/A Tutt Bryant Equipment are the sole agent in Australia for Bomag Compaction Equipment and the only supplier of parts capable of the refurbishment of the two (2) older Bomag BC1172RB landfill compactors and therefore in accordance with *Local Government (Functions and General) Regulations 1996 r.11(2)(f)*, tenders will not be invited on this occasion.
2. Grant the CEO delegated authority to accept the submitted quotation from BT Equipment Pty Ltd T/A Tutt Bryant Equipment of \$509,747 (ex GST) for the refurbishment of the Bomag BC1172RB Landfill Compactors P2305 and P1942, subject to any minor variations that may be agreed on between the CEO and BT Equipment Pty Ltd T/A Tutt Bryant Equipment.
3. Authorise a 20% contingency allowance on the quoted price of the refurbishment to allow for any unforeseen circumstances that may arise.

CARRIED UNANIMOUSLY

COUNCIL RESOLUTION(S)

MOVED CR

SECONDED CR



11.4 ITEMS CONTAINED IN THE INFORMATION BULLETIN

REFERENCE: Ref: D2018/14851

The following items are included in the Information Bulletin, which accompanies the Agenda.

1. WASTE SERVICES

1.1 COUNCIL TONNAGE COMPARISONS AS AT 31 OCTOBER 2018 (Ref: D2018/14852)

RECOMMENDATION

That the Technical Advisory Committee notes the items contained in the Information Bulletin accompanying the 22 November 2018 Technical Advisory Committee Agenda.

TAC RESOLUTION(S)

MOVED MR COTEN

SECONDED MR PURDY

THAT THE TECHNICAL ADVISORY COMMITTEE NOTES THE ITEMS CONTAINED IN THE INFORMATION BULLETIN ACCOMPANYING THE 22 NOVEMBER 2018 TECHNICAL ADVISORY COMMITTEE AGENDA.

CARRIED UNANIMOUSLY



12 REPORTS OF DELEGATES

Nil

13 NEW BUSINESS OF AN URGENT NATURE APPROVED BY THE CHAIRMAN OR PRESIDING MEMBER OR BY DECISION OF MEETING

The Presiding Member advised that it was the EMRC CEO's last TAC meeting and on behalf of the TAC members we would like to take the opportunity to formally acknowledge and thank the CEO for his expertise and guidance to the EMRC over the past nine (9) years and congratulated him on his new role and wished him all the very best in the future.

In response, the CEO said it had been a wonderful experience having a Technical Advisory Committee for the EMRC and the Region. Members take a great deal of comfort knowing the decisions have gone through their executive officers then the Council. There are always good questions and suggestions from the TAC members to continuously improve on what we do. He wished everyone all the best for the future with the EMRC and their own Councils.

14 CONFIDENTIAL MATTERS FOR WHICH THE MEETING MAY BE CLOSED TO THE PUBLIC

Nil

15 FUTURE MEETINGS OF THE TECHNICAL ADVISORY COMMITTEE

The next meeting of the Technical Advisory Committee will be held on **Thursday 7 February 2019 (if required)** at the EMRC Administration Office, 1st Floor, Ascot Place, 226 Great Eastern Highway, Belmont WA 6104 commencing at 4:00pm.

Future Meetings 2019

Thursday	7	February	(if required)	at	EMRC Administration Office
Thursday	7	March	(if required)	at	EMRC Administration Office
Thursday	4	April	(if required)	at	EMRC Administration Office
Thursday	9	May	(if required)	at	EMRC Administration Office
Thursday	6	June	(if required)	at	EMRC Administration Office
Thursday	4	July	(if required)	at	EMRC Administration Office
Thursday	8	August	(if required)	at	EMRC Administration Office
Thursday	5	September	(if required)	at	EMRC Administration Office
Thursday	10	October	(if required)	at	EMRC Administration Office
Thursday	21	November (1:00pm)	(if required)	at	Red Hill Waste Management Facility

16 DECLARATION OF CLOSURE OF MEETING

There being no further business the meeting was closed at 1.18pm.

RESOURCE RECOVERY COMMITTEE

MINUTES

22 November 2018

(REF: D2018/14841 (RRC) – D2018/15613)

A meeting of the Resource Recovery Committee was held at the EMRC Administration Office, 1st Floor, 226 Great Eastern Highway, BELMONT WA 6104 on **Thursday, 22 November 2018**. The meeting commenced at **5:00pm**.

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1 DECLARATION OF OPENING AND ANNOUNCEMENT OF VISITORS

The Chairman opened the meeting at 5:00pm and welcomed the visitors to the meeting.

Mr Lutey, Director Technical Services from the City of Belmont resigned, effective 2 November 2018. Advice has been received from the City of Belmont that Mr Alan Sheridan will commence as the Director Infrastructure Services (previously Director Technical Services) on 14 January 2019.

2 ATTENDANCE, APOLOGIES AND LEAVE OF ABSENCE (PREVIOUSLY APPROVED)

Committee Members

Cr Steve Wolff (Chairman)	EMRC Member	City of Belmont
Cr Melissa Mykytiuk (Deputy Chairman)	EMRC Member	Town of Bassendean
Cr Barry McKenna	EMRC Member	City of Bayswater
Cr Geoff Stallard (Deputising for Cr O'Connor)	EMRC Deputy Member	City of Kalamunda
Cr David Lavell	EMRC Member	Shire of Mundaring
Cr Adam Kovalevs	EMRC Member	City of Swan
Mr Simon Stewert-Dawkins	Director Operational Services	Town of Bassendean
Mr Michael Worthington (Deputising for Mr Pearson)	Manager Health Services	City of Bayswater
Mr Murray Ralph	Acting Director Technical Services	City of Belmont
Mr Brett Jackson	Director Asset Services	City of Kalamunda
Mr Shane Purdy	Director Infrastructure Services	Shire of Mundaring
Mr Jim Coten	Executive Manager Operations	City of Swan
Mr Peter Schneider	Chief Executive Officer	EMRC

Apologies

Cr Dylan O'Connor	EMRC Member	City of Kalamunda
Mr Doug Pearson	Director Technical Services	City of Bayswater

EMRC Officers

Mr Stephen Fitzpatrick	Director Waste Services
Mr Hua Jer Liew	Director Corporate Services
Mr Stephen Conway	Manager Engineering & Waste Services
Mr Dave Beresford	Manager Resource Recovery
Ms Annette Rakich	Administration Support Officer (Minutes)

Visitor(s)

Mr Edward Nicholas	Executive Director	Tribe Infrastructure Group
Mr Raj Aggarwal	Associate Director	Tribe Infrastructure Group
Mr Michael Harrison	Partner	Ashurst
Mr Jason Pugh	Chief Executive Officer	New Energy Corporation
Mr Marc Stammbach	Managing Director	Hitachi Zosen Innova Australia
Mr Laurie James AM	Partner	Kott Gunning Lawyers



3 DISCLOSURE OF INTERESTS

Nil

4 ANNOUNCEMENTS BY THE CHAIRMAN OR PRESIDING MEMBER WITHOUT DISCUSSION

Nil

5 PETITIONS, DEPUTATIONS AND PRESENTATIONS

5.1 RENEWABLE ENERGY PROPOSAL

Representatives of the Hitachi Zosen Innova (HZI) Consortium provided a presentation on their proposed renewable energy offer in relation to the Resource Recovery Facility.

The CEO informed the members that the HZI Consortium provided the same presentation to the Chief Executive Officers Advisory Committee (CEOAC) meeting on 20 November 2018.

The five (5) representatives from the HZI Consortium departed the meeting at 5:22pm.

6 CONFIRMATION OF MINUTES OF PREVIOUS MEETINGS

6.1 MINUTES OF THE RESOURCE RECOVERY COMMITTEE MEETING HELD ON 4 OCTOBER 2018

That the Minutes of the Resource Recovery Committee meeting held on 4 October 2018 which have been distributed, be confirmed.

RRC RESOLUTION(S)

MOVED CR LAVELL

SECONDED CR MYKYTIUK

THAT THE MINUTES OF THE RESOURCE RECOVERY COMMITTEE MEETING HELD ON 4 OCTOBER 2018 WHICH HAVE BEEN DISTRIBUTED, BE CONFIRMED.

CARRIED UNANIMOUSLY

7 QUESTIONS BY MEMBERS OF WHICH DUE NOTICE HAS BEEN GIVEN

Nil

8 QUESTIONS BY MEMBERS WITHOUT NOTICE

Nil



9 ANNOUNCEMENT OF CONFIDENTIAL MATTERS FOR WHICH MEETINGS MAY BE CLOSED TO THE PUBLIC

NOTE: Section 5.23(2) of the *Local Government Act 1995*, details a number of matters upon which Council may discuss and make decisions without members of the public being present. These matters include: matters affecting employees; personal affairs of any person; contractual matters; legal advice; commercial-in-confidence matters; security matters; among others.

The following report items are covered in Section 14 of this agenda.

- 9.1 RESOURCE RECOVERY FACILITY REQUEST FOR TENDER 2016-005
- 9.2 HAZELMERE WOOD WASTE TO ENERGY PLANT UPDATE

10 BUSINESS NOT DEALT WITH FROM A PREVIOUS MEETING

Nil



11 REPORTS OF EMPLOYEES

11.1 PROCESSING OF FOOD AND GARDEN ORGANIC (FOGO) WASTE, RED HILL WASTE MANAGEMENT FACILITY

REFERENCE: D2018/14822 (RRC) – D2018/16281

PURPOSE OF REPORT

The purpose of this report is to provide an update on recent requests received from the Town of Bassendean and the City of Bayswater to investigate options for the processing of food and garden organic waste (FOGO) at Red Hill Waste Management Facility.

KEY ISSUES AND RECOMMENDATION(S)

- In February 2018 the Town of Bassendean proposed to work with the EMRC to explore alternative options to the HZI Resource Recovery Facility (RRF) for the Town's residual waste including a trial/scalable anaerobic digester facility at the EMRC's Red Hill Facility.
- In October 2018, the City of Bayswater requested that the EMRC investigate options for best practice FOGO processing for the City and other interested parties.
- An update of the options being investigated and some of the issues involved is provided.

Recommendation(s)

That Council:

1. Acknowledge the requests from the Town of Bassendean and the City of Bayswater for the investigation of the processing of food and garden organic waste (FOGO) at the Red Hill Waste Management Facility.
2. Notes the options being considered for the processing of FOGO waste at the Red Hill Waste Management Facility for 2019/2020.

SOURCE OF REPORT

Director Waste Services

BACKGROUND

In February 2018 the Town of Bassendean advised the EMRC that, inter alia "the Town would like to work with the EMRC to explore alternative options to the incineration of the Town's residual waste, including a trial/scalable anaerobic digester facility at the EMRC's Red Hill Facility for the Town's residual waste". The EMRC acknowledged this advice at their March 2018 Council meeting.

In October 2018, the City of Bayswater advised of their intention to introduce FOGO and requested that the EMRC undertake investigations in relation to best practice FOGO processing for the City of Bayswater and other interested parties collaboratively with the City of Bayswater to enable the implementation of FOGO in a timely manner. A meeting was held with the City of Bayswater on 6 November 2018 to gather a fuller understanding of their proposal and future requirements.



Item 11.1 continued

REPORT

In response to requests from both the Town of Bassendean and the City of Bayswater that the EMRC investigate the options for the processing of FOGO waste at Red Hill, the following update is provided.

There are several possible options for the processing of FOGO waste at the Red Hill Waste Management Facility as detailed below:

1. Modification of the existing greenwaste windrow composting to add forced aeration.
2. Tunnel composting system with forced aeration and odour management.
3. Anaerobic Digestion facility which is modular and scalable to match the growth of FOGO input.
4. Fully enclosed aerobic composting, e.g. Hot Rot composter.
5. Other combinations or processing initiatives that might be identified.

Option 1 - Forced Aeration

This is also known as a mobile aerator floor (MAF) forced aeration system in an open windrow composting operation as used by the Bunbury Harvey Regional Council (BHRC), C-Wise and Suez at North Bannister.

EMRC officers have previously investigated the C-Wise system as an option for improving the existing greenwaste composting system at Red Hill. Recently, officers visited the BHRC's Banksia Road Waste Management Facility which is processing organic waste from a FOGO collection by four (4) of their member Councils – the City of Bunbury and the Shires of Capel, Donnybrook-Balingup and Collie. This facility processes approximately 12,000 tonnes per annum of FOGO material and another 5,500 tonnes of green waste from verge collections and waste transfer stations and produces a compost to Australian Standard AS4454 which is sold for use in the horticultural industries, to Main Roads WA and the public. Australian Certified Organic status has also been secured for all the compost produced by the facility.

BHRC commenced their FOGO system in 2013 with the City of Bunbury's collection and now includes the Shire of Capel, the Shire of Donnybrook-Balingup and the Shire of Collie. The Shire of Harvey will introduce a FOGO collection from July 2019.

FOGO material from BHRC member Council trucks is mixed with mulch and stockpiled on the MAF floor for up to four (4) weeks (stage1). The temperature and moisture content of the windrows is monitored continuously and regulated by the addition of water and/or air via the MAF system. The windrow is turned and relocated a further four (4) times (at four (4) week intervals), a total of twenty (20) weeks, after which the compost is screened through a 50 mm screen with the oversize material sent to landfill as this includes most of the contamination. The minus 50 mm product is screened through a 10 mm screen with the minus 10 mm fraction sold as product and the plus 10 mm fraction used as daily cover on their landfill. Product batches are sampled and analysed at an accredited laboratory before sale.

It takes 4 to 8 months before the compost is processed and ready for sale. Other ingredients are added to the windrows including bentonite clay and basalt rock dust plus biological agents to promote the bacterial process and enhance the product quality in accordance with advice from Intuit Earth who market the product.

As an interim solution to match the EMRC's existing capability and regulatory approvals, the MAF system would be the simplest and most economical to implement to process FOGO waste from the Town of Bassendean and the City of Bayswater. Bassendean's FOGO waste is expected to be about 2,600 tonnes per annum and Bayswater's is expected to be about 7,700 tonnes per annum, a total of 10,300 tonnes per annum.



Item 11.1 continued

The EMRC would need to establish a MAF system in the existing greenwaste processing area where Bayswater's MGB greenwaste is currently processed. If other member Councils decided to proceed with a FOGO system, this could involve processing up to 60,000 tonnes per annum and would require the FOGO processing area to be relocated to lots 8, 9 and 10 to the west to minimise odour issues with neighbours.

Costs for a MAF system at Red Hill will be in the order of \$365,000 for five (5) aeration systems (one (1) for each windrow, assuming five (5) windrows are required). This requires a tender process and we know of two (2) suppliers.

The EMRC would need to seek a licence amendment from Department of Water and Environmental Regulation (DWER) for this change and most likely an odour assessment and this would take approximately 3 to 5 months. A tender process for the MAF system would take approximately three (3) months and these two (2) processes may be able to be run concurrently.

Option 2 - Tunnel Composting

The tunnel composting systems are more sophisticated and involve concrete tunnels with odour management system and possibly a pre-sort facility to remove contamination. There is a facility like this at Port Macquarie, NSW.

When BHRC build a larger system at their Stanley Road Waste Facility (Bunbury), they propose to install a tunnel composting system incorporating best practice including a pre-sorting facility to remove the 2 to 5% contamination prior to mulching and then feeding into the tunnel composting system. Estimated cost is \$4 million to \$5 million. This facility will be designed to accommodate all of the FOGO waste from the South West region.

Option 3 – Scalable Anaerobic Digester

Small scale anaerobic digesters are available which can be built in modules and upscaled by adding more modules. Preliminary enquiries have been made for such a system to be located on the EPA approved location on Lot 8, Red Hill Waste Management Facility.

A plant capable of processing 10,000 tonnes per annum would cost approximately \$4.5 million and comprise of four (4) batch digesters and could be upscaled by adding more digesters.

Operating cost would be one (1) operator plus some administration costs and consumables such as fuel. The biogas produced could be sold to the EDL owned and operated power station on site.

Option 4 – Enclosed Hot Rot System

Global Composting Systems market the Hot Rot Composting System which is scalable with each unit capable of processing 900 tonnes per annum. To process the Town of Bassendean's FOGO waste for example would require three (3) Hot Rot 1811 units at a total estimated capital cost of \$825,000.

Other Issues

Community education will be an important part of the success of a FOGO system. The Town of Bassendean and the City of Bayswater will need to factor this in to their waste management budgets and with their collection contractors. The EMRC could support this through the Waste Education team and the Regional Waste Education Steering Group.

The main issue with any FOGO processing option will be odour management, location on site and DWER licence approvals.

Because the Waste Services team is fully committed on capital works and operational issues at present, consultants may need to be retained to assist with the implementation of the next steps.



Item 11.1 continued

Next steps (not necessarily in sequential order)

1. Undertake cost modelling of the various options.
2. Establish preferred solution for Red Hill and seek Council and DWER approval to proceed.
3. Call for tenders for the preferred solution or interim solution and confirm marketing options.
4. Confirm the costings and gate fees for the product and seek Council approval.
5. Establish a market/buyer for the compost.
6. Negotiate an agreement with the Town of Bassendean for the processing of FOGO waste at Red Hill.
7. Install plant and prepare operation to receive FOGO waste from the Town of Bassendean.

The outcomes of the review of the various options including the cost modelling will need to be presented to Council at its March 2019 meeting to establish the preferred solution before the calling of tenders.

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 1 – Environmental Sustainability

- 1.1 To provide sustainable waste disposal operations

FINANCIAL IMPLICATIONS

There is no provision in the adopted 2018/2019 Annual Budget nor in the ten (10) year financial plan for capital expenditure on food organics and garden organics (FOGO) processing. Capital would have to be allocated to this project for 2018/2019 from reserves.

SUSTAINABILITY IMPLICATIONS

Nil

MEMBER COUNCIL IMPLICATIONS

Member Council	Implication Details
Town of Bassendean	Provide a service for the processing of FOGO waste
City of Bayswater	
City of Belmont	} Nil
City of Kalamunda	
Shire of Mundaring	
City of Swan	

ATTACHMENT(S)

1. Letter from the Town of Bassendean – FOGO (Ref: D2018/16282)
2. Letter from the City of Bayswater – FOGO (Ref: D2018/16283)



Item 11.1 continued

VOTING REQUIREMENT

Simple Majority

RECOMMENDATION(S)

That Council:

1. Acknowledge the requests from the Town of Bassendean and the City of Bayswater for the investigation of the processing of food and garden organic waste (FOGO) at the Red Hill Waste Management Facility.
2. Notes the options being considered for the processing of FOGO waste at the Red Hill Waste Management Facility for 2019/2020.

Cr Mykytiuk moved an alternative substantive motion which was the officer recommendations with the following additional points 3 and 4 as follows:

3. *"As part of the various options being considered, that investigations and cost modelling be undertaken on options to establish an interim financial arrangement on behalf of member Councils, with Southern Metropolitan Regional Council or other appropriate third parties for the processing of FOGO commencing 1 July 2019 until the Red Hill Waste Management Facility is able to receive and process FOGO waste."*
4. *Request the outcome from the review of the various options including cost modelling be presented to the March 2019 Ordinary Council meeting."*

Cr McKenna seconded the alternative substantive motion.

RECOMMENDATION(S)

That Council:

1. Acknowledge the requests from the Town of Bassendean and the City of Bayswater for the investigation of the processing of food and garden organic waste (FOGO) at the Red Hill Waste Management Facility
2. Notes the options being considered for the processing of FOGO waste at the Red Hill Waste Management Facility for 2019/2020.
3. As part of the various options being considered, that investigations and cost modelling be undertaken on options to establish an interim financial arrangement on behalf of member Councils, with Southern Metropolitan Regional Council or other appropriate third parties for the processing of FOGO commencing 1 July 2019 until the Red Hill Waste Management Facility is able to receive and process FOGO waste."
4. Request the outcome from the review of the various options including cost modelling be presented to the March 2019 Ordinary Council meeting.



Item 11.1 continued

Discussion ensued

Cr Mykytiuk explained that the Town of Bassendean had made a commitment to follow the FOGO path and needed a contingency arrangement in case the EMRC was not ready to process the material by 1 July 2019.

RRC RECOMMENDATIONS(S)

MOVED CR MYKYTIUK

SECONDED CR MCKENNA

That Council:

1. Acknowledge the requests from the Town of Bassendean and the City of Bayswater for the investigation of the processing of food and garden organic waste (FOGO) at the Red Hill Waste Management Facility.
2. Notes the options being considered for the processing of FOGO waste at the Red Hill Waste Management Facility.
3. As part of the various options being considered, that investigations and cost modelling be undertaken on options to establish an interim financial arrangement on behalf of member Councils, with Southern Metropolitan Regional Council or other appropriate third parties for the processing of FOGO commencing 1 July 2019 until the Red Hill Waste Management Facility is able to receive and process FOGO waste.
4. Request the outcome from the review of the various options including cost modelling be presented to the March 2019 Ordinary Council meeting.

CARRIED UNANIMOUSLY

COUNCIL RESOLUTION(S)

MOVED CR

SECONDED CR

RECEIVED

18 JUL 2018

Our ref: OLET-7625818
File ref: WSTMNGT/TENDNG/10

Mr Peter Schneider
CEO
Eastern Metropolitan Regional Council
1st Floor Ascot Place
226 Great Eastern Hwy
BELMONT WA 6104

12 July 2018

Dear Peter

ANAEROBIC DIGESTER AT RED HILL WASTE MANAGEMENT FACILITY AND INTERIM FOGO WASTE MANAGEMENT ARRANGEMENTS

I would like to take this opportunity to express the Town's appreciation to the Eastern Metropolitan Regional Council (EMRC) and in particular, the Director Waste Services, Steve Fitzpatrick for his presentation and participation at the Town's Waste Management Workshop held on Saturday 7 July 2018. The information gathered from the workshop will contribute towards the Town's new Waste Management Strategy.

As you are aware, in January 2018 the Town of Bassendean Council at their Ordinary Council Meeting (OCM – 28/01/18) resolved in part the following:

2. *Advises the EMRC:*
 - a) *That the Town of Bassendean has committed to developing a waste strategy, in conjunction with the community, with the purpose of reducing the Town's waste production and increasing the Town's waste diversion levels through waste management according to measures higher up the waste hierarchy than disposal;*
 - b) *Therefore, the Town of Bassendean will not be committing any of its residual waste to a long term contract for a waste-to-energy Resource Recovery Facility in East Rockingham at this stage;*

..12

- c) *That instead, the Town would like to work with the EMRC to explore **alternative options to the incineration of the Town's residual waste including** a trial/scalable anaerobic digester facility at the EMRC's Red Hill site for the Town's residual waste; and*
- d) *That the Town of Bassendean reaffirms its commitment to the EMRC and its desire to remain within the regional Council.*

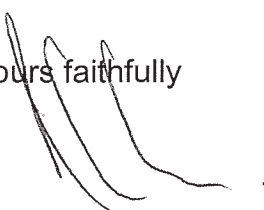
The Town of Bassendean Council subsequently resolved at the May 2018 Ordinary Council Meeting (OCM – 14/05/18), to endorse a grant application being submitted to the Waste Authority for the Better Bins Kerbside Collection Program and requested that staff continue to liaise with the EMRC regarding the purchase of an anaerobic digester (or similar) at Red Hill, in accordance with Council resolution OCM – 28/01/18, and formally request that planning for such a facility be included for consideration in the EMRC draft 2019/20 budget.

Whilst it is acknowledged that the EMRC has previously advised an estimated \$12 million dollars has been listed in the 10 year financial plan for an Anaerobic Digester Plant at Red Hill Waste Management Facility, this would be problematic from Council's perspective particularly considering the recent resolution. As a result I'm formally requesting the EMRC include funds in the draft 2019/2020 budget to purchase an anaerobic digester system or similar.

It is highly likely Environment Minister Stephen Dawson MLA will be making an announcement in the coming weeks regarding the Town of Bassendean's Better Bins grant application and as a result the Town's draft 2018/2019 budget lists funds for Council consideration to initially purchase additional bins and then roll out the 3-bin system and education program during the 2019/2020 financial year.

On 22 June 2018, the Town of Bassendean's Director Operational Services wrote to the EMRC's Director Waste Services regarding the above Council resolutions and in addition queried the potential for EMRC to enter into interim arrangements on behalf of member Councils, with the Southern Metropolitan Regional Council (SMRC) for Food Organics and Green Organics (FOGO) services.

I would like to follow up the Town's Director Operational Services' enquiry to find out if it is possible for the EMRC to facilitate an interim arrangement for member Councils to take their FOGO waste to the SMRC's proposed FOGO facility. As you would most likely be aware SMRC has recently advertised Tender (T2018-03) for the Beneficial Reuse of Food Organic and Garden Organic Waste with a closing date of 20 July 2018 for tender submissions.

Yours faithfully


Bob Jarvis
CHIEF EXECUTIVE OFFICER

12 July 2018

RECEIVED VIA EMAIL

04 OCT 2018



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National Relay Service: 1800 555 660

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3 October 2018

Mr Peter B Schneider
Chief Executive Officer
Eastern Metropolitan Regional Council
PO Box 234
BELMONT WA 6104

Dear Peter

CITY OF BAYSWATER'S INTRODUCTION OF FOGO

As you are aware, the Food Organics and Garden Organics (FOGO) three bin system is the Waste Authority's preferred waste approach. Accordingly, the City is currently investigating options and costs for the implementation of a FOGO system within the City by 2019-20 and at the Ordinary Council Meeting of 25 September 2018, Council resolved in part as follows:

- "5. Writes to the EMRC to notify them of the City of Bayswater's intention to investigate the introduction of FOGO and requesting that the EMRC undertake investigations in relation to best practice FOGO processing for the City of Bayswater and other interested parties collaboratively with the City of Bayswater to enable the implementation of FOGO in a timely manner."

In accordance with the above, it would be appreciated if the EMRC could commence investigating options for the introduction of a FOGO collection within the City of Bayswater and in collaboration with any other interested parties. I understand that the Town of Bassendean have already expressed interest in this regard.

Your assistance in this matter is appreciated and should you wish to discuss this further, please contact the City's Manager Environmental Health, Michael Worthington, on 9272 0641

Yours sincerely

DOUG PEARSON
DIRECTOR OF WORKS AND INFRASTRUCTURE



11.2 ITEMS CONTAINED IN THE INFORMATION BULLETIN

REFERENCE: Ref: D2018/15546

The following items are included in the Information Bulletin, which accompanies the Agenda.

1. WASTE SERVICES

1.1 WASTE EDUCATION PROGRESS REPORT (Ref: D2018/14844)

RECOMMENDATION

That the Resource Recovery Committee notes the items contained in the Information Bulletin accompanying the 22 November 2018 Resource Recovery Committee Agenda.

RRC RESOLUTION(S)

MOVED MR COTEN

SECONDED CR STALLARD

THAT THE RESOURCE RECOVERY COMMITTEE NOTES THE ITEMS CONTAINED IN THE INFORMATION BULLETIN ACCOMPANYING THE 22 NOVEMBER 2018 RESOURCE RECOVERY COMMITTEE AGENDA.

CARRIED UNANIMOUSLY



12 REPORTS OF DELEGATES

Nil

13 NEW BUSINESS OF AN URGENT NATURE APPROVED BY THE CHAIRMAN OR PRESIDING MEMBER OR BY DECISION OF MEETING

Nil

14 CONFIDENTIAL MATTERS FOR WHICH THE MEETING MAY BE CLOSED TO THE PUBLIC

RECOMMENDATION (Closing meeting to the public)

That the meeting be closed to members of the public in accordance with Section 5.23 (2)(c) of the *Local Government Act 1995* for the purpose of dealing with matters of a confidential nature.

RRC RESOLUTION

MOVED CR MYKYTIUK

SECONDED CR MCKENNA

THAT THE MEETING BE CLOSED TO MEMBERS OF THE PUBLIC IN ACCORDANCE WITH SECTION 5.23 (2)(C) OF THE *LOCAL GOVERNMENT ACT 1995* FOR THE PURPOSE OF DEALING WITH MATTERS OF A CONFIDENTIAL NATURE.

CARRIED UNANIMOUSLY

The doors of the meeting were closed at 5:55pm.

The Director Waste Services, Director Corporate Services, Manager Resource Recovery, Manager Engineering and Waste Operations, Mr James from Kott Gunning Lawyers and the Administration Officer Waste Services remained in the Council Chambers.

14.1 RESOURCE RECOVERY FACILITY REQUEST FOR TENDER 2016-005

REFERENCE: D2018/14842

This item is recommended to be confidential because it contains matters of a commercial-in-confidence nature.

The Committee considered the Confidential Item circulated with the Agenda under Separate Cover.

14.2 HAZELMERE WOOD WASTE TO ENERGY PLANT UPDATE

REFERENCE: D2018/15188

This item is recommended to be confidential because it contains matters of a commercial-in-confidence nature.

The Committee considered the Confidential Item circulated with the Agenda under Separate Cover.



Item 14 continued

RECOMMENDATION [Meeting re-opened to the public]

That the meeting be re-opened, the members of the public be invited to return to the meeting and the recommendations passed behind closed doors be recorded.

RRC RESOLUTION

MOVED MR KOVALEVS

SECONDED CR MYKYTIUK

THAT THE MEETING BE RE-OPENED, THE MEMBERS OF THE PUBLIC BE INVITED TO RETURN TO THE MEETING AND THE RECOMMENDATIONS PASSED BEHIND CLOSED DOORS BE RECORDED.

CARRIED UNANIMOUSLY

The doors of the meeting were re-opened at 6:17pm.

Mr James departed the meeting at 6:18pm

Recording of the recommendations passed behind closed doors, namely:

14.1 RESOURCE RECOVERY FACILITY REQUEST FOR TENDER 2016-005

REFERENCE: D2018/14842

RRC RECOMMENDATION(S)

MOVED CR LAVELL

SECONDED CR MCKENNA

That:

1. Council authorises the CEO to enter into confidential discussions with the Western Metropolitan Regional Council in relation to the supply of residual waste for the proposed Resource Recovery Facility while negotiating for the supply of their general waste streams.
2. Any proposal for the supply of residual waste from Western Metropolitan Regional Council for the proposed Resource Recovery Facility be referred back to Council for consideration.
3. The report remains confidential and be certified by the Chairman and CEO.

CARRIED UNANIMOUSLY



14.2 HAZELMERE WOOD WASTE TO ENERGY PLANT UPDATE

REFERENCE: D2018/15188

RRC RECOMMENDATION(S)

MOVED MR JACKSON

SECONDED CR LAVELL

That:

1. Council, approve the contract variation proposed by Anergy Australia Pty Ltd to change the biochar handling system from a wet system to a dry system to the value specified in the report.
2. Council authorise a contingency allowance of 10% on the contract variation value for any minor variations that may arise as a result of this change in scope.
3. The report remains confidential and be certified by the Chairman and CEO.

CARRIED UNANIMOUSLY

15 FUTURE MEETINGS OF THE RESOURCE RECOVERY COMMITTEE

The next meeting of the Resource Recovery Committee will be held on **Thursday, 7 February 2019 (if required)** at the EMRC Administration Office, 1st Floor, Ascot Place, 226 Great Eastern Highway, Belmont WA 6104 commencing at 5:00pm.

Future Meetings 2019

Thursday	7	February	(if required)	at	EMRC Administration Office
Thursday	7	March	(if required)	at	EMRC Administration Office
Thursday	4	April	(if required)	at	EMRC Administration Office
Thursday	9	May	(if required)	at	EMRC Administration Office
Thursday	6	June	(if required)	at	EMRC Administration Office
Thursday	4	July	(if required)	at	EMRC Administration Office
Thursday	8	August	(if required)	at	EMRC Administration Office
Thursday	5	September	(if required)	at	EMRC Administration Office
Thursday	10	October	(if required)	at	EMRC Administration Office
Thursday	21	November	(if required)	at	EMRC Administration Office

On behalf of the RRC, the Chairman formally acknowledged and thanked the CEO for his expertise and guidance to the EMRC over the past 9 years. The Chairman congratulated him on his new role in the east coast and wished him all the very best for the future.

In response, the CEO advised he has enjoyed working with the RRC committee. Whilst his background is not technical but an accountant by trade, he has been able to familiarise himself with the various projects and hopefully added some value. He has been associated with the EMRC for the past 20 years and has been involved in the project since its inception. He said he enjoyed the Resource Recovery Project and the Wood Waste to Energy Project as it is a first and a boon to the EMRC. He believes the EMRC is a leader in the waste industry and he will be watching with interest from afar.

The CEO conveyed his appreciation to the RRC members and wished them all the very best with the EMRC and their own Councils.

16 DECLARATION OF CLOSURE OF MEETING

There being no further business the meeting was closed at 6:20pm.