



## MINUTES

### CERTIFICATION OF CONFIRMATION OF TECHNICAL ADVISORY COMMITTEE MINUTES

4 May 2017

I, Mr Doug Pearson, hereby certify that the minutes from the Technical Advisory Committee Meeting held on 4 May 2017 pages 1 to 19 were confirmed at a Committee meeting held on 10 August 2017.

A handwritten signature in black ink, appearing to be "D. Pearson", is written over a horizontal line.

**Signature**

**Mr Doug Pearson  
Person presiding at Meeting**

## TECHNICAL ADVISORY COMMITTEE

### MINUTES

4 May 2017

(REF: D2017/05911)

A meeting of the Technical Advisory Committee was held at the EMRC Administration Office, 1<sup>st</sup> Floor, 226 Great Eastern Highway, BELMONT WA 6104 on **Thursday, 4 May 2017**. The meeting commenced at **4:00pm**.

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

Nil

**8 QUESTIONS BY MEMBERS WITHOUT NOTICE**

Mr Purdy enquired what the expected gate fee would be for 2017/2018.

The Director Waste Services stated that the State Government Landfill Levy will increase by \$5 per/tonne and with a \$2 per/tonne increase in the secondary waste charge and an anticipated CPI increase, the total increase proposed is likely to be around \$9.00 per/tonne for the 2017/2018 gate fee.

**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 2016/007 - OPERATIONS AND MAINTENANCE CONTRACT - HAZELMERE WOOD WASTE TO ENERGY PLANT**

**REFERENCE: D2017/04913**

#### **PURPOSE OF REPORT**

The purpose of this report is to award Tender 2016/007 for the Operations and Maintenance of the Hazelmere Wood Waste to Energy Plant and finalise a contract with the preferred tenderer.

#### **KEY ISSUES AND RECOMMENDATION(S)**

- A tender for the Operations and Maintenance of the Hazelmere Wood Waste to Energy Plant was advertised on 3 December 2016 and closed on 21 January 2017.
- 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 Ansac Pty Ltd in the second half of 2017

#### **Recommendation(s)**

That:

1. Council Award tender 2016/007 Operations and Maintenance of 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 CEO and Monadelphous Engineering Associates Pty Ltd.
3. The contract rates for Tender 2016/007 be adjusted annually at each anniversary of the contract based on the consumer price index for Perth over the previous twelve months.

#### **SOURCE OF REPORT**

Director Waste Services

#### **BACKGROUND**

The Hazelmere WWTE Plant is due for completion in July 2017 followed by commissioning by Ansac and handover to EMRC. At the time of the award of the design and construct contract to Ansac, 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 a contractor operate and maintain the plant.



Item 11.1 continued

## REPORT

A tender for the operations and maintenance of the Hazelmere Wood Waste to Energy Plant was advertised on 3 December 2016 in the West Australian newspaper and on TenderLink.

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 O&M services commencing during the commissioning phase of plant anticipated to be September 2017.

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 Superintendent's Representative.

Three (3) compliant submissions were received as follows:

1. Anzac Pty Ltd;
2. Monadelphous Engineering Associates Pty Ltd; and
3. TW Power Services Pty Ltd.

An evaluation panel of EMRC officers and consultants assessed the three (3) submissions on the following criteria:

Description of Qualitative Criteria	Weighting
(a) Service Delivery and Methodology	20%
(b) Operations and Maintenance experience	20%
(c) Organisational Capability including Key Personnel	10%
(d) OS&H Management	10%

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	40%

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.

A contingency allowance of 10% on the contract sum is included in the recommendation to allow for unforeseen costs the contractor may encounter given that this is the first commercial scale plant of this type in Australia.



*Item 11.1 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 WWTE plant is provided for in the 2016/2017 budget and subsequent years. Based on the tendered schedule of rates, the estimated value of the contract over two years is \$1,964,505 (ex. GST). If the two one (1) year extensions are exercised, this would add another \$1,841,528 i.e. total contract estimated value of \$3,806,033 (ex. CPI increases).

## **SUSTAINABILITY IMPLICATIONS**

The Hazelmere Wood Waste to Energy 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**

<b>Member Council</b>	<b>Implication Details</b>
Town of Bassendean	} Nil
City of Bayswater	
City of Belmont	
Shire of Kalamunda	
Shire of Mundaring	
City of Swan	

## **ATTACHMENT(S)**

Tendered Schedule of Rates, Monadelphous Engineering Associates Pty Ltd (D2017/06670)

## **VOTING REQUIREMENT**

Simple Majority



*Item 11.1 continued*

### **RECOMMENDATION(S)**

That

1. Council Award tender 2016/007 Operations and Maintenance of 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 CEO and Monadelphous Engineering Associates Pty Ltd.
3. The contract rates for Tender 2016/007 be adjusted annually at each anniversary of the contract based on the consumer price index for Perth over the previous twelve months.

### **TAC RECOMMENDATION(S)**

MOVED MR PURDY

SECONDED MR BLAIR

That:

1. Council Award tender 2016/007 Operations and Maintenance of 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 CEO and Monadelphous Engineering Associates Pty Ltd.
3. The contract rates for Tender 2016/007 be adjusted annually at each anniversary of the contract based on the consumer price index for Perth over the previous twelve months.

**CARRIED UNANIMOUSLY**



RFT 2016-007 - Operations & Maintenance for Wood Waste to Energy Plant at HRRP PRICE SCHEDULE Monadelphous Engineering Associates Pty Ltd						
Item No	Position	Quantity of Staff	Tender Unit	Unit Rate (excl GST)	Overtime Rate (excl GST)	
<b>Operations Personnel (including salary on-costs)</b>						
1	1 x Site Operations Manager / Superintendent (Mon-Fri 08.00am to 16.30pm)	1	\$ Hourly Rate per Person	\$ 115.00	\$ 142.77	
2	Day Shift Operator/Maintainer Mechanical (Mon-Fri 07.00am to 15.30pm)	1	\$ Hourly Rate per Person	\$ 74.94	\$ 93.05	
3	Day Shift Operator/Maintainer E&I (Mon-Fri 07.00am to 15.30pm)	1	\$ Hourly Rate per Person	\$ 74.94	\$ 93.05	
4	Afternoon Shift Operator/Maintainer Mechanical (Mon-Fri 14.30pm to 23.00pm)	1	\$ Hourly Rate per Person	\$ 74.94	\$ 93.05	
5	Afternoon Shift Operator/Maintainer E&I (Mon-Fri 14.30pm to 23.00pm)	1	\$ Hourly Rate per Person	\$ 74.94	\$ 93.05	
6	Apprentice Operator/Maintainer (Mech & E&I) (Mon-Fri 08.00am to 16.30pm)	1	\$ Hourly Rate per Person	\$ 40.00	\$ 50.00	
<b>Other Personnel</b>						
1	Casual Operators/Maintainers (Mech & E&I)	2	\$ Hourly Rate per Person	\$ 74.94	\$ 93.05	
2	Maintenance Planner / Engineer	1	\$ Hourly Rate per Person	\$ 100.00	\$ 125.00	
3	HSEQ Advisor	1	\$ Hourly Rate per Person	\$ 80.00	\$ 100.00	



## 11.2 UPDATE ON HAZELMERE RESOURCE RECOVERY PARK

**REFERENCE: D2017/05913**

### PURPOSE OF REPORT

The purpose of this report is to provide an update to Council on the development status of the Hazelmere Resource Recovery Park.

### KEY ISSUES AND RECOMMENDATION(S)

- The Commercial & Industrial waste sorting facility opened for business on 1 December 2016 following an official opening by the Minister for Environment on 30 November 2016.
- The Wood Waste to Energy Plant construction is continuing with completion scheduled for July 2017 followed by commissioning and handover.
- Installation of the high voltage interconnect cable between the Wood Waste to Energy Plant and Perth Airport is proceeding.
- Design of the stage 2 roadworks, drainage and new entrance is complete and will go to tender in the coming months.
- The land exchange of Lot 99(1) and Lot 99(2) with the Western Australian Planning Commission is complete and the City of Swan has commenced the Lloyd Street road works through these two lots.
- Timber grinding operations are continuing through the HAAS grinder.
- Mattress processing using the Hammel shredder is continuing with shredded mattresses disposed to landfill at Red Hill.

#### **Recommendation(s)**

That the report be received.

### SOURCE OF REPORT

Director Waste Services

### BACKGROUND

A report to Council in August 2011 (Ref: DMDOC/150840) on the regional funding program resolved:

*“THAT:*

- 1. THE INFORMATION BE NOTED.*
- 2. MEMBER COUNCILS BE REQUESTED TO CONFIRM THE EMRC IS TO BE THE ENTITY REPRESENTING THE MEMBER COUNCILS IN REGARDS TO THE REGIONAL FUNDING PROGRAMME.*
- 3. THE CITY OF STIRLING BE INVITED TO JOIN WITH THE MEMBER COUNCILS IN THE REGIONAL FUNDING PROGRAMME CONDITIONAL UPON WRITTEN AGREEMENT TO UNDERTAKE A PROJECT OR PROJECTS THAT BENEFIT BOTH THE CITY OF STIRLING AND THE EMRC”.*



*Item 11.2 continued*

In April 2012, Council (Ref: DMDOC/161988) resolved:

*“THAT:*

- 1. MEMBER COUNCILS BE REQUESTED TO SUPPORT THE APPLICATION FOR FUNDING TO CONSTRUCT A BUILDING IN WHICH WASTE AUDITS BE UNDERTAKEN.*
- 2. MEMBER COUNCILS BE REQUESTED TO SUPPORT THE PURCHASE OF HOOK LIFT BINS INTO WHICH MATERIALS THAT CAN BE RECYCLED CAN BE COLLECTED.*
- 3. MEMBER COUNCILS BE REQUESTED TO SUPPORT THE PURCHASE OF THE EQUIPMENT TO PROCESS MATERIALS COLLECTED FOR RECYCLING.*
- 4. MEMBER COUNCILS BE REQUESTED TO NOMINATE OTHER PROJECTS THAT THEY WISH TO HAVE INCLUDED IN THE SUBMISSION.*
- 5. THE CITY OF STIRLING BE REQUESTED TO NOMINATE OTHER PROJECTS THEY WISH TO HAVE INCLUDED IN THE SUBMISSION”.*

At its 4 December 2014 meeting Council received an update of the Hazelmere Resource Recovery Park development (Ref: D2014/14826).

## **REPORT**

The Commercial & Industrial (C&I) waste sorting facility opened for business on 1 December 2016 following an official opening by the Minister for Environment on 30 November 2016. Waste tonnages processed through the plant have been below expectations and marketing efforts are being progressed to increase throughput. Discussions are currently being held with several commercial customers to attract waste to the facility.

A bulk verge sorting trial has been conducted with the Shire of Kalamunda, City of Belmont and City of Joondalup bulk skip service. The result from Joondalup was an initial material recovery in the vicinity of 25% - 30%. However for Kalamunda and Belmont high levels of greenwaste and organics were encountered. As a result, the acceptance of this waste was stopped due to the increased manpower required to remove the contamination.

Member Councils are encouraged to send bulk verge collections to the C&I plant for sorting as further recovery from this waste stream is possible. Of concern are the levels of greenwaste, organics and general rubbish found during the trial. However this was not as evident within the material received from the City of Joondalup. Efforts are continuing to identify all opportunities for supplying waste to the C&I plant and Council will be kept informed via future updates.

The Wood Waste to Energy (WWTE) Plant construction is continuing with completion scheduled for July 2017 followed by commissioning and handover. The pyrolysis kiln was installed into the process plant building in March 2017 which was a milestone in the project. The remainder of the plant equipment is under procurement/fabrication by Ansac. Underground services (gas, water, wastewater) have been connected from the Hazelmere site to the battery limits of the plant in readiness for commissioning.

Construction of the WWTE access road to provide proper and safe access to the site and plant, and internal pavement will be undertaken within the next 2 months during a nominated period within the contractors project schedule. This work will involve some minor earthworks, drainage, road pavement and kerbing. The works are expected to take 4 – 5 weeks.

Installation of the high voltage interconnect cable between the WWTE Plant and Perth Airport is proceeding. The various approvals and licences required for the cable route have been granted or are in process and the contractor expects to complete the works by late June 2017. At the point of this report the conduits for the electrical and communications cables have been installed within the Hazelmere site to the battery limits of the plant. Additionally approximately 450m of conduit has been installed within the Lakes Road road reserve.



*Item 11.2 continued*

Design of the stage 2 roadworks, drainage and new commercial entrance is complete and will go to tender in the coming months. This involves significant earthworks, roadworks, pavement and drainage, new weighbridges, building platform and carpark for new administration building and associated underground services. As part of this works the greenwaste processing hardstand will also be constructed including completion of the C&I plant access road, extension of the fire ring main to provide coverage of the new area, and the construction of an additional stormwater retention basin to maintain the required discharge to the impending City of Swan stormwater network. The works are expected to take approximately 6 months to complete.

The land exchange of Lot 99(1) and Lot 99(2) with the Western Australian Planning Commission is complete and the City of Swan has commenced the Lloyd Street road works through these two lots. Fencing of the Hazelmere Resource Recovery Park boundary is being undertaken by City of Swan as part of the construction works.

Timber grinding operations are continuing through the HAAS grinder and the EMRC is endeavouring to meet growing demand for wood chip fines for the broiler grower industry. Incoming timber volumes are down on the previous financial year so efforts are being made to attract more timber waste to site.

Mattress processing using the Hammel shredder is continuing with shredded mattresses disposed to landfill at Red Hill. Efforts were made to recover and sell the shredded mattress springs however because of the fall in scrap metal prices and excessive wear on the magnet, this has been discontinued. Nevertheless member Councils are encouraged to use this service due to efficiencies achieved in reducing the air space consumed at Red Hill.

## **STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 1 – Environmental Sustainability

- 1.1 To provide sustainable waste disposal operations
- 1.2 To improve regional waste management
- 1.3 To provide resource recovery and recycling solutions in partnership with member Councils
- 1.4 To investigate leading edge waste management practices

## **FINANCIAL IMPLICATIONS**

Funding for the development of the Hazelmere Resource Recovery Park is provided in the 2016/2017 budget and in the ten year financial plan.

## **SUSTAINABILITY IMPLICATIONS**

The Hazelmere Resource Recovery Park will improve the sustainability of waste operations for the region.



*Item 11.2 continued*

### **MEMBER COUNCIL IMPLICATIONS**

<b>Member Council</b>	<b>Implication Details</b>
Town of Bassendean	} Nil
City of Bayswater	
City of Belmont	
Shire of Kalamunda	
Shire of Mundaring	
City of Swan	

### **ATTACHMENT(S)**

Nil

### **VOTING REQUIREMENT**

Simple Majority

### **Discussion ensued**

The Manager Resource Recovery provided a brief presentation on the Hazelmere Resource Recovery Park (HRRP) and discussion ensued.

The Director Waste Services advised that bulk verge waste from member Councils would be welcomed in the C&I plant and the suggestion by the Director Infrastructure Services, Shire of Mundaring that the EMRC have discussions with their contractors and staff would be beneficial to assist in diverting waste to HRRP.

### **RECOMMENDATION(S)**

That the report be received.

### **TAC RECOMMENDATION(S)**

MOVED MR PURDY

SECONDED MR BLAIR

That the report be received.

**CARRIED UNANIMOUSLY**



### 11.3 PROCUREMENT OF SPARE PARTS AND REPAIRS FOR HAAS FIXED GRINDER – HAZELMERE RESOURCE RECOVERY PARK

REFERENCE: D2017/05958

#### 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 the HAAS timber grinder at Hazelmere Resource Recovery Park.

#### KEY ISSUES AND RECOMMENDATION(S)

- The HAAS fixed grinder is a proprietary piece of plant supplied and installed by HAAS.
- Spare parts and repairs including the repairs following the fire damage in August 2014 have been sourced and/or installed by or under the supervision of HAAS.
- Where possible, non-critical spare parts and/or repairs to the grinder are sourced locally.
- Proprietary HAAS parts have to be sourced from HAAS in Germany and in some cases installed by their technicians or under their supervision in order to obtain manufacturer warranties. There is unlikely to be any other supplier who can provide similarly specified spare parts and service.
- Approval is sought for delegated authority to be granted to the CEO to purchase spare parts and periodic equipment repairs for the HAAS grinder direct from HAAS.

#### Recommendation(s)

That Council:

1. Acknowledge that because of the proprietary nature of the HAAS timber grinder, it has good reason to believe there is unlikely to be any other supplier who can provide a similar value for money outcome for the provision of spare parts and periodic equipment repairs required to the timber grinder.
2. Grant the CEO delegated authority to accept quotations from HAAS or its authorised suppliers for the supply of spare parts and periodic equipment repairs of the HAAS timber grinder.

#### SOURCE OF REPORT

Director Waste Services

#### BACKGROUND

The Hazelmere timber recycling project commenced in 2008 using a contract timber shredder and grinder. A fixed HAAS timber grinder was procured after a competitive tender process in 2009.

At the 18 February 2010 (Ref: DMDOC/124997) meeting of Council it was resolved:

*“THAT COUNCIL:*

1. *ENDORSE THE HAZELMERE TIMBER RECYCLING FIVE-YEAR BUSINESS PLAN (2010/11-2014/15) SHOWN AS ATTACHMENT 1.*
2. *ENDORSE THE PROCUREMENT IN 2009/2010 OF A FIXED GRINDING SYSTEM FOR THE HAZELMERE TIMBER RECYCLING PROJECT BY TENDER IN ACCORDANCE WITH THE PAYMENT SCHEDULE OUTLINED WITHIN THIS REPORT.*



*Item 11.3 continued*

3. *LISTS THE FOLLOWING RESPONDENTS TO THE EXPRESSION OF INTEREST 2009/02 FOR THE SUPPLY AND INSTALLATION OF AN OUTDOOR FIXED ELECTRIC WOOD WASTE GRINDING SYSTEM AS ACCEPTABLE TENDERERS:*
  - A. *BRIGHTWATER ENGINEERING SOLUTIONS PTY. LTD.*
  - B. *HAAS HOLZZERKLEINERUNGS- UND FÖRDERTECHNIK GMBH.*
  - C. *HAMMEL CSS.*
  - D. *VECOPLAN AG.*
4. *ADVISES THE RESPONDENTS TO EXPRESSION OF INTEREST 2009/02 OF THE OUTCOME OF THE ASSESSMENT.*
5. *BY AN ABSOLUTE MAJORITY IN ACCORDANCE WITH SECTION 6.16 OF THE LOCAL GOVERNMENT ACT 1995 SETS THE FEES FOR ECOCHIP SALES AT THE HAZELMERE TIMBER AND MATTRESS RECYCLING CENTRE AT \$54.55/TONNE (EX GST).*
6. *GIVES LOCAL PUBLIC NOTICE OF THE ABOVE FEES, WITH THE FEES TO TAKE EFFECT 10 DAYS FROM THE DATE OF LOCAL PUBLIC NOTICE”.*

At the 18 September 2014 (Ref: D2014/11536) meeting of Council, when considering an insurance related report involving the timber grinder, it was resolved:

*“THAT COUNCIL:*

1. *ACKNOWLEDGE THAT BECAUSE OF THE PROPRIETARY NATURE OF THE HAAS TIMBER GRINDER, IT HAS GOOD REASON TO BELIEVE THERE IS UNLIKELY TO BE ANY OTHER SUPPLIER WHO CAN PROVIDE A SIMILAR VALUE FOR MONEY OUTCOME FOR THE PROVISION OF EQUIPMENT AND REPAIRS REQUIRED TO THE DAMAGED TIMBER GRINDER.*
2. *GRANT THE CEO DELEGATED AUTHORITY TO ACCEPT QUOTATIONS FOR REPAIRS OF THE HAAS TIMBER GRINDER AND THE HIRE AND PURCHASE OF ADDITIONAL PLANT AND EQUIPMENT FOR THE PROCESSING OF TIMBER WASTE AS APPROVED BY THE EMRC’S INSURERS”.*

NB: Recommendation 1 above was a once off delegation related to replacement parts resulting from the insurance incident.

## **REPORT**

The HAAS fixed grinder is a proprietary piece of plant supplied and installed by HAAS following the tender process in 2009. Maintenance of the HAAS grinder is done according to the manufacturer’s recommendations and EMRC’s operating experience gained over the last 6 years.

Spare parts and repairs including the repairs following the fire damage in August 2014 have been sourced and/or installed by or under the supervision of HAAS. This is done in order to ensure correct installation to the manufacturer’s specifications and to obtain factory warranties.

Where possible, non-critical spare parts and/or maintenance and repairs to the grinder are sourced locally, such as conveyor belts. The EMRC has had some experience with procurement of spare parts and critical parts locally which was unsuccessful. Scheduled servicing of the grinder is done by EMRC staff and/or contractors.

Under regulation 11(2)(f) of the *Local Government (Functions and General) Regulations 1996*, tenders do not have to be publicly invited where the 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 potential supplier.



*Item 11.3 continued*

Critical parts such as the hammer mill rotor, hammer mill hammers, electromagnets, eddy current devices and slow speed shredder parts are proprietary to HAAS and have to be sourced from them in Germany and in some cases installed by their technicians or under their supervision. There is unlikely to be any other supplier who can provide similarly specified spare parts and service or value for money outcome.

The total value of procurement of parts and service from HAAS has been approximately \$319,000 including GST over the past four financial years excluding the fire damage repairs in 2014.

To facilitate timely and ongoing procurement of required parts and services from HAAS, authority is sought from Council to acknowledge that for specific parts, repairs and installation, HAAS is a sole supplier and grant delegated authority to the CEO to purchase spare parts and periodic equipment repairs for the HAAS grinder direct from HAAS, as required.

Where possible, general parts and repairs etc. will continue to be undertaken by local suppliers in accordance with the EMRC Purchasing Policy.

### **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
- 1.3 To investigate leading edge waste management practices

### **FINANCIAL IMPLICATIONS**

Planned maintenance and parts replacement of the HAAS grinder is scheduled on an annual basis and budgeted for accordingly in the approved budget.

### **SUSTAINABILITY IMPLICATIONS**

The Hazelmere timber recycling operation is aimed at reducing waste to landfill and therefore greenhouse gas emissions and producing valuable products such as wood chip fines for use in animal bedding.

### **MEMBER COUNCIL IMPLICATIONS**

<b>Member Council</b>	<b>Implication Details</b>
Town of Bassendean	} Nil
City of Bayswater	
City of Belmont	
Shire of Kalamunda	
Shire of Mundaring	
City of Swan	

### **ATTACHMENT(S)**

Nil





*Item 11.3 continued*

### VOTING REQUIREMENT

Simple Majority

### **RECOMMENDATION(S)**

That Council:

1. Acknowledge that because of the proprietary nature of the HAAS timber grinder, it has good reason to believe there is unlikely to be any other supplier who can provide a similar value for money outcome for the provision of spare parts and periodic equipment repairs required to the timber grinder.
2. Grant the CEO delegated authority to accept quotations from HAAS or its authorised supplies for the supply of spare parts and periodic equipment repairs of the HAAS timber grinder.

### **TAC RECOMMENDATION(S)**

MOVED MR BLAIR

SECONDED MR PUMPHREY

That Council:

1. Acknowledge that because of the proprietary nature of the HAAS timber grinder, it has good reason to believe there is unlikely to be any other supplier who can provide a similar value for money outcome for the provision of spare parts and periodic equipment repairs required to the timber grinder.
2. Grant the CEO delegated authority to accept quotations from HAAS or its authorised suppliers for the supply of spare parts and periodic equipment repairs of the HAAS timber grinder.

**CARRIED UNANIMOUSLY**



## 11.4 CITY OF BAYSWATER – GREENWASTE AGREEMENT EXTENSION

**REFERENCE: D2017/06099**

### PURPOSE OF REPORT

The purpose of this report is to seek Council approval for a twelve (12) month extension to the existing City of Bayswater greenwaste agreement to 30 June 2018.

### KEY ISSUES AND RECOMMENDATION(S)

- The current agreement between the City of Bayswater and the EMRC is due to expire on 30 June 2017.
- The City of Bayswater has requested a further twelve (12) month extension to the agreement to facilitate the alignment of their waste management contracts and possible long term changes resulting from the implementation of the EMRC Resource Recovery Facility tender process.

#### **Recommendation(s)**

That Council approve a twelve (12) month extension of the City of Bayswater and EMRC agreement for the disposal of greenwaste expiring on 30 June 2018.

### SOURCE OF REPORT

Director Waste Services

### BACKGROUND

At the meeting of 21 February 2008 meeting (Ref: DMDOC/73687), Council resolved:

*“THAT:*

1. *THE 5 YEAR AGREEMENT FORMING AN ATTACHMENT TO THIS REPORT, TO RUN FROM 1 JULY 2007 TO 30 JUNE 2012, FOR THE PROCESSING OF THE CITY OF BAYSWATER’S MGB GREEN WASTE BE ENDORSED, SUBJECT TO THE INCLUSION OF A DEFINITION FOR “COMPOST” AND “MULCH” ACCEPTABLE TO BOTH PARTIES.*
2. *IN THE EVENT A RESOURCE RECOVERY PROCESS IS COMMISSIONED WHICH RENDERS THE COMPOSTING PROGRAMME REDUNDANT, THE AGREEMENT BE RE-NEGOTIATED OR CANCELLED.”*

At the meeting of 19 April 2012 (Ref: DMDOC/162175), Council resolved:

*“THAT THE TERM OF THE CITY OF BAYSWATER AND EMRC AGREEMENT FOR THE DISPOSAL OF GREENWASTE BE EXTENDED BY SIX (6) MONTHS TO 31 DECEMBER 2012.”*

At its meeting of 20 June 2013 (Ref: DMDOC/180858), Council resolved:

*“THAT COUNCIL:*

1. *APPROVE THE NEW GREENWASTE AGREEMENT, FORMING THE ATTACHMENT TO THIS REPORT, BETWEEN THE EMRC AND THE CITY OF BAYSWATER.*
2. *AUTHORISE THE CEO TO ENTER INTO THE AGREEMENT, ON BEHALF OF THE EMRC, WITH CITY OF BAYSWATER FOR THE PROCESSING OF MATERIAL FROM BAYSWATER’S MOBILE GARBAGE BIN (MGB) GREENWASTE COLLECTION.”*

The one year extension option in this agreement was exercised in December 2014.



*Item 11.4 continued*

At its meeting of 21 May 2015 (Ref: D2015/06728), Council resolved:

*“THAT COUNCIL APPROVE THE EXTENSION OF THE CITY OF BAYSWATER AND EMRC AGREEMENT FOR THE DISPOSAL OF GREENWASTE BY SIX (6) MONTHS TO 30 JUNE 2016.”*

At its meeting on 3 December 2015, Council resolved:

*“THAT COUNCIL APPROVE A TWELVE (12) MONTH EXTENSION OF THE CITY OF BAYSWATER AND EMRC AGREEMENT FOR THE DISPOSAL OF GREENWASTE EXPIRING ON 30 JUNE 2017”.*

## **REPORT**

The agreement with the City of Bayswater for the disposal of MBG greenwaste at the Red Hill Waste Management Facility is due to expire on 30 June 2017 after several extensions to the original five (5) year agreement.

The City of Bayswater has requested a further one (1) year extension to the current agreement which expires on 30 June 2017. The City of Bayswater’s reasons for the request are to allow the City sufficient time to review the outcome of the Resource Recovery Facility tender process and what impact this would have on the type of bin system used by the City in the long term.

The EMRC has no objection to an extension of the agreement under the same terms with the addition of cost sharing of auditing of the MGB greenwaste as previously agreed.

The EMRC has prepared for the possible relocation of the existing greenwaste processing area to Lot 12 because of landfill stage planning and obtained a licence amendment for this contingency. This possible relocation was also based on proposed new Department of Environmental and Regulation (DER) environmental standards for composting and separation distances which may have affected the viability of greenwaste composting operations on site.

The DER have now amended these proposed standards, withdrawn the separation distance guideline and agreed to suggestions from the EMRC and the compost industry about leachate management. The impact of these changes is that there is no immediate requirement to relocate the greenwaste processing area which would have been a significant financial cost and affected the viability of the composting operation.

## **STRATEGIC/POLICY IMPLICATIONS**

Key Result Area 1 – Environmental Sustainability

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

## **FINANCIAL IMPLICATIONS**

The greenwaste operation is undertaken on a full cost recovery basis and is reflected in the 2016/2017 Annual Budget as well as the Corporate Business Plan 2016/2017 to 2020/2021.

## **SUSTAINABILITY IMPLICATIONS**

Composting of greenwaste is a sustainable waste management operation.



*Item 11.4 continued*

## **MEMBER COUNCIL IMPLICATIONS**

<b>Member Council</b>	<b>Implication Details</b>
Town of Bassendean	Nil
City of Bayswater	Allows its greenwaste to be processed under similar terms and conditions.
City of Belmont	} Nil
Shire of Kalamunda	
Shire of Mundaring	
City of Swan	

## **ATTACHMENT(S)**

Nil

## **VOTING REQUIREMENT**

Simple Majority

## **RECOMMENDATION(S)**

That Council approve a twelve (12) month extension of the City of Bayswater and EMRC agreement for the disposal of greenwaste expiring on 30 June 2018.

## **TAC RECOMMENDATION(S)**

MOVED MR PURDY

SECONDED MR BLAIR

That Council approve a twelve (12) month extension of the City of Bayswater and EMRC agreement for the disposal of greenwaste expiring on 30 June 2018.

**CARRIED UNANIMOUSLY**



## 11.5 ITEMS CONTAINED IN THE INFORMATION BULLETIN

**REFERENCE: Ref: D2017/05914**

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

### 1. WASTE SERVICES

1.1 COUNCIL TONNAGE COMPARISONS AS AT 31 MARCH 2017 (Ref: D2017/05915)

### RECOMMENDATION

That the Technical Advisory Committee notes the items contained in the Information Bulletin accompanying the 4 May 2017 Technical Advisory Committee Agenda.

### TAC RESOLUTION(S)

MOVED MR PURDY

SECONDED MR PUMPHREY

THAT THE TECHNICAL ADVISORY COMMITTEE NOTES THE ITEMS CONTAINED IN THE INFORMATION BULLETIN ACCOMPANYING THE 4 MAY 2017 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

Nil

### 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 8 June 2017 (if required)** at the EMRC Administration Office, 1<sup>st</sup> Floor, Ascot Place, 226 Great Eastern Highway, Belmont WA 6104 commencing at 4:00pm.

#### Future Meetings 2017

Thursday	8	June (if required)	at	EMRC Administration Office
Thursday	6	July (if required)	at	EMRC Administration Office
Thursday	10	August (if required)	at	EMRC Administration Office
Thursday	7	September (if required)	at	EMRC Administration Office
Thursday	5	October (if required)	at	EMRC Administration Office
Thursday	16	November (if required)	at	EMRC Administration Office

### 16 DECLARATION OF CLOSURE OF MEETING

There being no further business, the Deputy Chairman declared the meeting closed at 4:40pm.