

TECHNICAL ADVISORY COMMITTEE

MINUTES

22 November 2012

(REF: COMMITTEES-14901)

A meeting of the Technical Advisory Committee was held at the Red Hill Waste Management Facility Administration Office, 1094 Toodyay Road, RED HILL WA 6056 on **Thursday, 22 November 2012**. The meeting commenced at **1:02pm**.

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1 DECLARATION OF OPENING AND ANNOUNCEMENT OF VISITORS

The Acting Chairman opened the meeting at 1:02pm and welcomed Mr Murry Miskelly from the Shire of Kalamunda and Mr Liam Noonan from the Shire of Mundaring to the Technical Advisory Committee meeting.

2 ATTENDANCE, APOLOGIES AND LEAVE OF ABSENCE PREVIOUSLY APPROVED

Committee Members

Mr Simon Stewert-Dawkins (Acting Chairman)	Director Operational Services	Town of Bassendean
Mr Doug Pearson	Director Technical Services	City of Bayswater
Mr Ric Lutey	Director Technical Services	City of Belmont
Mr Liam Noonan (deputising for Mr Purdy)	Manager Design Services	Shire of Mundaring
Mr Peter Schneider	Chief Executive Officer	EMRC

Apologies

Mr Jim Coten (Chairman)	Executive Manager Operations	City of Swan
Mr Shane Purdy	Director Infrastructure Services	Shire of Mundaring
Mr Clayton Higham	Director Development and Infrastructure Services	Shire of Kalamunda

EMRC Officers

Mr Brian Jones	Director Waste Services
Mr Hua Jer Liew	Director Corporate Services
Mr Stephen Fitzpatrick	Manager Project Development
Mr Brian Bushby	Operations Manager
Ms Giulia Bono	Administration Officer (Minutes)

Apologies

Mr Sam Assaad	Manager Infrastructure Services	Shire of Kalamunda
Mr Colin Pumphrey	Manager Fleet and Waste Services	City of Swan

Observer(s)

Murry Miskelly	Coordinator Waste Services	Shire of Kalamunda
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3 DISCLOSURE OF INTERESTS

Nil

4 ANNOUNCEMENT BY THE CHAIRMAN OR PERSON PRESIDING WITHOUT DISCUSSION

Nil



5 CONFIRMATION OF MINUTES OF PREVIOUS MEETINGS

5.1 MINUTES OF THE TECHNICAL ADVISORY COMMITTEE MEETING HELD ON 9 AUGUST 2012

That the Minutes of the Technical Advisory Committee meeting held on 9 August 2012, which have been distributed, be confirmed.

TAC RESOLUTION(S)

MOVED MR LUTEY

SECONDED MR PEARSON

THAT THE MINUTES OF THE TECHNICAL ADVISORY COMMITTEE MEETING HELD ON 9 AUGUST 2012 WHICH HAVE BEEN DISTRIBUTED, BE CONFIRMED.

CARRIED UNANIMOUSLY

6 PRESENTATIONS

Nil

7 ANNOUNCEMENT OF CONFIDENTIAL MATTERS FOR WHICH THE MEETING MAY BE CLOSED TO THE PUBLIC

Nil

8 BUSINESS NOT DEALT WITH FROM A PREVIOUS MEETING

Nil



9 REPORTS OF OFFICERS

9.1 FEES AND CHARGES – RATE FOR THE HIRE OF EQUIPMENT

REFERENCE: COMMITTEES-14888

PURPOSE OF REPORT

The purpose of the report is to propose a hire rate for a Manitou MLT 625 telehandler and for the hire, at the Red Hill Waste Management Facility, of an articulated dump truck with a capacity of 17.5 m³.

KEY ISSUES AND RECOMMENDATION(S)

- The EMRC now has three (3) articulated dump trucks at Red Hill used to cart clay, rock and spoil from excavation work undertaken in-house. A request to hire the dump trucks to do work on-site has been received.
- The EMRC has purchased a Manitou MLT 625 telehandler to undertake the loading of the cardboard baler that has been ordered and for general work at Hazelmere. The machine is suitable to load the bags used in the verge pick up trials being undertaken by the Shire of Mundaring and the City of Swan. If a request to utilise the machine was to be received, then a hire rate would be required.

Recommendation(s)

That:

1. Council, by absolute majority, in accordance with Sections 6.16 and 6.19 of the Local Government Act 1995:
 - a) Adopt a rate of \$130.00 per hour (ex. GST) for the wet hire of a 17.5m³ articulated dump truck on site at the Red Hill Waste Management Facility.
 - b) Adopt a member Council rate of \$200.00 per day (ex. GST) for the dry hire of a Manitou MLT 625 telehandler from the Hazelmere Recycling Facility.
2. The rate for the wet hire of a 17.5m³ articulated dump truck be publicly advertised, to be effective seven days from advertising.

SOURCE OF REPORT

Director Waste Services
Manager Engineering/Waste Management Services

BACKGROUND

At the meeting held on 24 May 2012 (Ref: Committees-14095) Council adopted the Waste Management Schedule of Fees and Charges for 2012/2013 and advertised the Fees and Charges as required by the Local Government Act 1995 to be effective from 1 July 2012.

A request to utilise the recently acquired articulated dump trucks on-site has been received by the contractor undertaking the crushing of the lateritic cap rock and there is also a possibility that one or more of the member Councils or others may wish to hire the recently acquired Manitou MLT 625 telehandler. There is no rate for the hire of the telehandler nor for the hire of an articulated dump truck in the 2012/2013 Schedule of Fees and Charges previously adopted by Council.



Item 9.1 continued

REPORT

A request to hire the EMRC's articulated dump trucks has been made by the contractor undertaking the lateritic caprock removal, if they are available, so that the contract would not be delayed as a result of waiting for their own dump trucks to become available from other projects they have in progress.

The volume of lateritic caprock within Red Hill Farm Stage 2 is substantially greater than what was anticipated and the contractor, excavating and crushing the rock, needs to move some of the material that has been crushed so as to continue the excavation work.

As it was not anticipated the dump trucks would be hired by a third party a hire rate was not developed for incorporation into the 2012/2013 Schedule Fees and Charges. Since the EMRC will benefit in terms of additional income and a reduction in the length of time required to complete the excavation, there is merit in making the articulated dump trucks available.

It is proposed that a rate, for the on-site hire of a 17.5m³ articulated dump truck, be set at \$130.00 per hour (ex. GST). The proposed on-site hire rate includes the cost of depreciation, servicing, repairs and maintenance, tyres, fuel, the cost of capital, the cost of the operator and a contribution to the administration costs.

In regards to the Manitou MLT 625 telehandler, that was acquired to assist in operations in Hazelmere and the transfer stations, one or more of the member Councils may wish to hire the machine to undertake such activities as verge collections. As the machine had not been ordered when the 2012/2013 Budget was being developed a dry hire rate for the machine was not considered. It is proposed that a dry hire rate be set at \$200.00/day (ex. GST) which is 80% of the commercial rate. The proposed dry hire rate includes the cost of depreciation, servicing, repairs and maintenance, tyres, the cost of capital, and a contribution to the administration costs. The cost of the operator is not included as a labour rate already exists.

Neither piece of equipment will be hired if there is a requirement for any of the equipment at Hazelmere or Red Hill since EMRC work will always take priority.

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

Key Result Area 4 – Good Governance

- 4.1 To improve member Council and EMRC financial viability

FINANCIAL IMPLICATIONS

The fees and charges are developed to ensure that costs of providing waste management services are recouped.

SUSTAINABILITY IMPLICATIONS

The fees and charges developed ensure the services offered are sustainable.



Item 9.1 continued

MEMBER COUNCIL IMPLICATIONS

Member Council	Implication Details
Town of Bassendean City of Bayswater City of Belmont Shire of Kalamunda Shire of Mundaring City of Swan	} Member Councils may wish to hire the equipment(s).

ATTACHMENT(S)

Nil

VOTING REQUIREMENT

Absolute Majority

RECOMMENDATION(S)

That:

1. Council, by absolute majority, in accordance with Sections 6.16 and 6.19 of the Local Government Act 1995:
 - a) Adopt a rate of \$130.00 per hour (ex. GST) for the wet hire of a 17.5m³ articulated dump truck on site at the Red Hill Waste Management Facility.
 - b) Adopt a member Council rate of \$200.00 per day (ex. GST) for the dry hire of a Manitou MLT 625 telehandler from the Hazelmere Recycling Facility.
2. The rate for the wet hire of a 17.5m³ articulated dump truck be publicly advertised, to be effective seven days from advertising.

TAC RECOMMENDATION(S)

MOVED MR LUTEY

SECONDED MR PEARSON

That:

1. Council, by absolute majority, in accordance with Sections 6.16 and 6.19 of the Local Government Act 1995:
 - a) Adopt a rate of \$130.00 per hour (ex. GST) for the wet hire of a 17.5m³ articulated dump truck on site at the Red Hill Waste Management Facility.
 - b) Adopt a member Council rate of \$200.00 per day (ex. GST) for the dry hire of a Manitou MLT 625 telehandler from the Hazelmere Recycling Facility.
2. The rate for the wet hire of a 17.5m³ articulated dump truck be publicly advertised, to be effective seven days from advertising.

CARRIED UNANIMOUSLY



9.2 FEES AND CHARGES - DISPOSAL OF WRAPPED ASBESTOS

REFERENCE: COMMITTEES-14943

PURPOSE OF REPORT

The purpose of the report is to advise Council of a decision by the Minister for the Environment to exempt wrapped asbestos from the Landfill Levy from 1 January 2013 and propose a new disposal fee to be effective from that date.

KEY ISSUES AND RECOMMENDATION(S)

- The GST excluded rates for the disposal of wrapped asbestos, adopted by Council for 2012/2013, of \$100.00/tonne for member Council residents (with a minimum charge of \$22.73) and \$163.64/tonne for other customers includes the \$28.00/tonne State Government Landfill Levy paid to the Department of Environmental and Conservation (DEC).
- On 4 October 2013 a Ministerial Media Statement was released indicating the Minister for the Environment had announced that wrapped asbestos will be exempt from the Landfill Levy and a transitional program, starting from 1 January 2013, will be put in place pending the Waste Avoidance and Resource Recovery Regulations 2008 being amended.

Recommendation(s)

That:

1. Council, by absolute majority, in accordance with Sections 6.16 of the Local Government Act 1995, amend the fees and charges for the disposal of wrapped asbestos to \$72.00/tonne (ex. GST) for member Council residents, with a minimum charge of \$18.18 (ex. GST) and \$135.64/tonne (ex. GST) for others.
2. Council approve the advertising of the fees and charges to be effective from 1 January 2013.

SOURCE OF REPORT

Director Waste Services

BACKGROUND

Since the introduction of the State Government Landfill Levy in 1998, and more so since the Levy was increased to \$28.00/tonne, EMRC officers have argued that the Landfill Levy has acted as a financial disincentive to clean up contaminated sites and to properly dispose of asbestos sheeting and asbestos contaminated soils since burying in landfill is the only safe and practical option for asbestos waste.

REPORT

The Minister for the Environment has announced that, from 1 January 2013, a transitional programme would be put in place, to cover the Landfill Levy for wrapped asbestos sheeting (Attachment), pending the amendments to the Waste Avoidance and Resource Recovery Regulations 2008 being passed by the WA Parliament.

Notwithstanding the adoption of increased fines for illegal dumping the DEC has recognised the Landfill Levy as being a factor in the increase in illegal dumping of asbestos waste.

As the Landfill Levy will not be applied to wrapped asbestos, the cost of disposing wrapped asbestos waste will be reduced and it is considered appropriate that the disposal fee previously adopted by Council be reduced.



Item 9.2 continued

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 1 – Environmental Sustainability

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

Key Result Area 4 – Good Governance

- 4.1 To improve member Council and EMRC financial viability

FINANCIAL IMPLICATIONS

The fees and charges are developed to ensure that the costs of providing waste management services are recovered and a reduction in the cost of providing services allows the fees and charges to be revised downwards.

SUSTAINABILITY IMPLICATIONS

The fees and charges developed ensure the services are sustainable.

MEMBER COUNCIL IMPLICATIONS

Member Council

Town of Bassendean
City of Bayswater
City of Belmont
Shire of Kalamunda
Shire of Mundaring
City of Swan

Implication Details

The cost of disposal of wrapped asbestos for member Councils will be reduced.

ATTACHMENT(S)

Ministerial Media Statement - Minister to make asbestos exempt from landfill levy (Ref: Committees-14942)

VOTING REQUIREMENT

Absolute Majority



Item 9.2 continued

RECOMMENDATION(S)

That:

1. Council, by absolute majority, in accordance with Sections 6.16 of the Local Government Act 1995, amend the fees and charges for the disposal of wrapped asbestos to \$72.00/tonne (ex. GST) for member Council residents, with a minimum charge of \$18.18 (ex. GST) and \$135.64/tonne (ex. GST) for others.
2. Council approve the advertising of the fees and charges to be effective from 1 January 2013.

TAC RECOMMENDATION(S)

MOVED MR PEARSON

SECONDED MR LUTEY

That:

1. Council, by absolute majority, in accordance with Sections 6.16 of the Local Government Act 1995, amend the fees and charges for the disposal of wrapped asbestos to \$72.00/tonne (ex. GST) for member Council residents, with a minimum charge of \$18.18 (ex. GST) and \$135.64/tonne (ex. GST) for others.
2. Council approve the advertising of the fees and charges to be effective from 1 January 2013.

CARRIED UNANIMOUSLY



Ministerial Media Statements

Close



New move to combat illegal asbestos dumping

- **Minister to make asbestos exempt from landfill levy**
- **Bid to curb illegal dumping**

Properly wrapped and secured asbestos will be exempt from the landfill levy from January 2013 in a bid to counter illegal dumping of the dangerous material.

Environment Minister Bill Marmion announced the decision today while visiting the Henderson Waste Recovery Park.

“The exemption will apply only to asbestos sheeting that is bound in black plastic for disposal as required under the Health (Asbestos) Regulations 1992,” Mr Marmion said.

“Soil contaminated with asbestos-containing materials will still be subject to the levy.

“Because of risks to human health associated with waste asbestos, reusing or recycling it is not allowed. That means disposal of asbestos waste by burying in a landfill is the only safe and practical option.”

The Minister said despite the Liberal-National Government’s proactive initiative to increase the fines for illegal dumping, asbestos sheeting continued to be dumped in bushland and other sites out of the public eye.

“The Waste Authority advised that the landfill levy had increased the cost of asbestos disposal and, as such, may be acting as a disincentive to correctly dispose of such waste,” he said.

“I have therefore decided the levy will no longer apply to asbestos sheeting and the appropriate amendments to the Waste Avoidance and Resource Recovery Levy Regulations 2008 will be made.”

In the meantime, the Waste Authority will put in place a transitional program starting from January 1, 2013 to cover the cost of levies on waste asbestos sheeting.

“This is good news for small business and families, reducing costs and protecting the health of communities and the environment,” Mr Marmion said.

Fact File

- **Waste Authority is also taking broader action by providing financial assistance to construction and demolition (C&D) recyclers to implement new testing and processing guidelines to ensure recycled C&D material is free of asbestos**

Minister’s office - 6552 6800

7/11/2012

Version: 3.0

Close



9.3 FEES AND CHARGES - E-WASTE DISPOSAL

REFERENCE: COMMITTEES-14944

PURPOSE OF REPORT

The purpose of the report is to advise Council that an agreement has been finalised with Infoactiv Logistics to collect e-waste at Red Hill, as per the Television and Computer Industry's Product Stewardship Programme, and to propose a modification to the Schedule of Fees and Charges.

KEY ISSUES AND RECOMMENDATION(S)

- An agreement between Infoactiv Logistics Solutions Pty Ltd (Infoactiv) and the EMRC has been developed so that e-waste, collected at Red Hill, can be disposed of at no charge to the EMRC.
- Under the Television and Computer Industry Arrangement, to comply with the Commonwealth Product Stewardship Act 2011 and the Product Stewardship (TV's and Computers) Regulations 2011, end of life information technology (IT) and television (TV) equipment is to be recycled at no charge to the consumer.
- The IT and TV manufacturers have indicated there will be a cap on the number of items that will be accepted for recycling at no charge and, accordingly, Infoactiv has established a quota as to the number they will accept from Red Hill at no charge. The EMRC has required a clause in the Agreement that states, once the set quota has been received, the disposal fee will be reinstated.

Recommendation(s)

That Council, by absolute majority, in accordance with section 6.16 of the Local Government Act 1995, authorise the suspension of the e-waste disposal fee from the date that e-waste is collected under the Infoactiv agreement until the quota has been reached or the point at which the EMRC is again responsible for the cost of disposal.

SOURCE OF REPORT

Director Waste Services

BACKGROUND

Following the Commonwealth Government's enactment of the Product Stewardship Act 2011 and the Product Stewardship (Television and Computers) Regulations 2011 three entities were established to implement programmes on behalf of the major Television and Computer brands.

Information on the programme was provided to Council at the meeting held 22 March 2012 (Ref: Committees-13833) and it was anticipated that the programme would come into effect as from 1 July 2012.

REPORT

The free collection and disposal of e-waste was launched in Canberra and is currently being rolled out across the country.

Only two of the three entities, established to co-ordinate the collection, transport and recycling of e-waste, will operate in WA and, having had discussions with both DHL Logistics and Infoactiv, there has been ongoing negotiations with Infoactiv as they appear to be most accommodating and eager to establish a presence in WA.



Item 9.3 continued

Agreement on the terms and conditions have been finalised and the Agreement is awaiting the signatures of the respective CEO's.

The 2012/2013 Schedule of Fees and Charges includes a fee for the disposal of e-waste that allows the EMRC to recover the costs incurred in recycling the e-waste as the funding received from the State Government's West Australian Transitional E-Waste Program only covers 50% of the costs.

The Commonwealth Program requires the e-waste recycling service to be provided at no charge to consumers therefore, whilst the scheme is in place, the current fee for the disposal of e-waste needs to be suspended to comply with the Federal Government's regulations.

The funding for the program is from computer and television manufacturers' contributions and there will be only sufficient funds set aside to collect the target volume. The target volume has been set at 30% of the e-waste that the Federal Government will determine as having been created in 2012/2013. In that there is a clause in the Agreement that limits the e-waste that Infoactiv is obliged to take, EMRC officers have required a clause to be inserted to allow the EMRC to re-instate disposal fees for e-waste collected in excess of that limit.

However it is considered unlikely that the Infoactiv limit will be realised since the EMRC/Infoactiv Agreement is the first agreement to be developed in WA and Infoactiv have indicated that, if the quantities collected in the Region are greater than anticipated, adjustments will be made to other agreements that are still to be signed.

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 1 – Environmental Sustainability

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

Key Result Area 4 – Good Governance

- 4.1 To improve member Council and EMRC financial viability

FINANCIAL IMPLICATIONS

The fees and charges are developed to ensure that costs of providing waste management services are recouped.

SUSTAINABILITY IMPLICATIONS

The fees and charges developed ensure the services are sustainable.



Item 9.3 continued

MEMBER COUNCIL IMPLICATIONS

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

ATTACHMENT(S)

Nil

VOTING REQUIREMENT

Absolute Majority

RECOMMENDATION(S)

That Council, by absolute majority, in accordance with section 6.16 of the Local Government Act 1995, authorise the suspension of the e-waste disposal fee from the date that e-waste is collected under the Infoactiv agreement until the quota has been reached or the point at which the EMRC is again responsible for the cost of disposal.

TAC RECOMMENDATION(S)

MOVED MR LUTEY

SECONDED MR PEARSON

That Council, by absolute majority, in accordance with section 6.16 of the Local Government Act 1995, authorise the suspension of the e-waste disposal fee from the date that e-waste is collected under the Infoactiv agreement until the quota has been reached or the point at which the EMRC is again responsible for the cost of disposal.

CARRIED UNANIMOUSLY



9.4 DELEGATED AUTHORITY – CLASS III CELL FARM STAGE 2 - RED HILL (RFT 2012-10)

REFERENCE: COMMITTEES-14956

PURPOSE OF REPORT

The purpose of the report is to advise Council of the timelines associated with the construction of the Class III cell Farm Stage 2 at the Red Hill Waste Management Facility and seek Council's delegated authority for the CEO to accept a tender on its behalf.

KEY ISSUES AND RECOMMENDATION(S)

- The in-house design of the proposed Class III cell Farm Stage 2 has been completed to a tender drawing stage and the tender (RFT 2012-10) for the construction of the cell was advertised Saturday 17 November 2012.
- In order to provide the tenderers sufficient time to prepare their tenders the closing date for tenders has been set as being Wednesday 12 December 2012.
- In order that the works can be undertaken during the drier summer months it is proposed to award the contract before Christmas so that the selected tenderer can be on site in early January 2013.
- So as to avoid a Special Council meeting for the awarding of the tender it is requested that Council consider delegating, to the CEO, authority to award the tender based on the tender assessment prepared by the tender assessment panel.
- The 2012/2013 Budget, adopted by Council includes funds for the construction of the Class III cell Farm Stage 2 Red Hill.

Recommendation(s)

That Council, by absolute majority, in accordance with Section 5.42(1) of the Local Government Act 1995, delegate authority, to the CEO, to award RFT 2012-10 being the construction of the Class III cell Farm Stage 2 to the tenderer deemed to be the best value tender in accordance with the assessment criteria and within the approved 2012/2013 Budget.

SOURCE OF REPORT

Director Waste Services

BACKGROUND

With the increased tonnages now being delivered to Red Hill and an operational requirement that the Farm Stage 1 Class III cell not be filled to its design profile but to the top of the embankment pending the filling of the adjacent cells, the need to prepare documentation for the Class III cell Farm Stage 2 had been identified. The design and documentation has been in progress since July 2012 in the event that Lots 8, 9 and 10 would be acquired and that the preferred site for the Resource Recovery Facility would be Lot 8.

REPORT

It is not expected that all the lateritic caprock will be removed until mid December 2012 and, as the volume of rock being removed is more than double what was anticipated, the void being created is substantially larger than that on which the initial cell design was based.

A re-design has been undertaken to a stage that drawings 'for tender purposes only' can be issued and provisional quantities of excavation and lining have been developed.



Item 9.4 continued

The lining system consists of a compacted clay sub layer on top of which will be placed a geosynthetic clay liner (GCL), and a 2mm thick high density polyethylene (HDPE) liner protected by a geofabric. The geofabric will, initially, only be placed on the floor of the cell and to a height of 2.0 metres up the side slopes. The balance of the side slopes will only be covered with geofabric immediately prior to waste being placed against the sides. Leachate collection will be by means of polypropylene drainage cells rather than graded sand or gravel to maximise the volume of airspace created. The drainage cells will in turn be covered by geofabric to ensure waste does not block the leachate drainage system.

Due to the re-design the preparation of the drawings and tender documentation has been delayed and, Saturday 17 November 2012 was the earliest that RFT 2012-10 could be advertised.

To allow tenderers time to price the works and obtain subcontractor prices for the lining portion of the works the closing date for tenders has been nominated as 12 December 2012 at 4:00pm. The assessment of the tenders is anticipated to take a week such that a preferred tenderer would not be known until 19 December 2012.

The 6 December 2012 Council meeting is the last to be held this year and the next meeting is not scheduled until 21 February 2013. Should the tender not be awarded until the February 2013 meeting the contractor would most likely be undertaking weather sensitive lining work in May 2013 or the work may have to be postponed until October 2013, which could have ramifications for the future airspace requirements. Therefore, in order to award a tender on a timely basis, a Special Meeting of Council sometime after 17 December 2012 would be required or, alternatively, the CEO could be given delegated authority to award the tender.

The preferred option from an administrative perspective is for the Council to delegate to the CEO the authority to award the tender within budget limits, based on the recommendation of the assessment panel. In the event that the tender exceeds the budget allocation it will be necessary to call a Special Council meeting regardless.

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 2012/2013 Budget adopted by Council includes for the construction of the Class III cell – Farm Stage 2.

SUSTAINABILITY IMPLICATIONS

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



Item 9.4 continued

MEMBER COUNCIL IMPLICATIONS

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

ATTACHMENT(S)

Nil

VOTING REQUIREMENT

Absolute Majority

RECOMMENDATION(S)

That Council, by absolute majority, in accordance with Section 5.42(1) of the Local Government Act 1995, delegate authority, to the CEO, to award RFT 2012-10 being the construction of the Class III cell Farm Stage 2 to the tenderer deemed to be the best value tender in accordance with the assessment criteria and within the approved 2012/2013 Budget.

TAC RECOMMENDATION(S)

MOVED MR PEARSON SECONDED MR LUTEY

That Council, by absolute majority, in accordance with Section 5.42(1) of the Local Government Act 1995, delegate authority, to the CEO, to award RFT 2012-10 being the construction of the Class III cell Farm Stage 2 to the tenderer deemed to be the best value tender in accordance with the assessment criteria and within the approved 2012/2013 Budget.

CARRIED UNANIMOUSLY



9.5 TENDER 2012-08 – FLOATING POND COVERS

REFERENCE: COMMITTEES-14954

PURPOSE OF REPORT

To advise Council of the results of Tender 2012–08 for the Supply and Installation of Floating Pond Covers on four leachate ponds at Red Hill Waste Management Facility and recommend acceptance of the tender submitted by Ertech Pty Ltd.

KEY ISSUES AND RECOMMENDATION(S)

- The increased tonnages being received at the Red Hill Waste Management Facility has resulted in an increase in the volume of leachate exacerbated by rainwater entering the open leachate storage ponds.
- The management of the leachate has required substantial expenditure on labour, pumps and the construction of leachate storage ponds that occupy space that could be used for landfill.
- It is proposed to install floating pond covers to capture the rainwater, before it comes into contact with the leachate.
- A tender for the Supply and Installation of Floating Pond Covers at Red Hill Waste Management Facility was advertised in the West Australian newspaper on 24 October 2012 and online at the EMRC Tenderlink website.
- Tenders closed on 13 November 2012 and three submissions were received.
- The tenders have been assessed and a preferred tenderer selected.
- The contract price exceeds the budget allocation and it is proposed that the additional monies required be allocated from operational surpluses.

Recommendation(s)

That Council:

1. Award Tender 2012-08 for Floating Pond Covers to Ertech Pty Ltd.
2. Authorise the CEO to enter into a contract, on behalf of the EMRC, with Ertech Pty Ltd in accordance with their submitted tender in the amount of \$526,618.00 (ex. GST).
3. Authorise the CEO to expend additional monies, up to a contingency amount of \$20,000.00 (ex. GST), if required.
4. Note the shortfall in the budget to be funded from the 2012/2013 operating surplus.

SOURCE OF REPORT

Director Waste Services
Manager Engineering/Waste Services



Item 9.5 continued

BACKGROUND

Leachate is defined as being water that has come into contact with waste and the most common source is rainwater falling within an open landfill cell or within an area in which greenwaste processing is being undertaken. The leachate may contain nutrients or traces of heavy metals depending upon the waste but all leachate needs to be managed.

Best Practice Environmental Management Guidelines for the Siting, Design, Operation and Rehabilitation of landfills require leachate to be collected and managed and not allowed to enter surface water bodies or groundwater. At Red Hill the landfill cells are lined and any leachate is allowed to be drained or is pumped into open leachate ponds. The leachate is then managed by recirculating through the landfill cells during winter and allowed to evaporate during the drier summer months.

REPORT

The increased tonnages being received at the Red Hill Waste Management Facility have required additional areas being established for landfilling the waste and, accordingly, the volume of leachate being generated has increased. In recent years, the management of the leachate during the winter months has required substantial expenditure, in excess of \$75K per annum, in terms of pumping and labour costs. If the leachate storage capacity was to be increased the capital cost would be in the order of \$350,000 and would reduce the area that could be used for landfill by 1 hectare at an opportunity cost of \$250,000. Increasing the storage area would increase the leachate management costs.

Due to the ponds being open any rain falling within the leachate ponds serves to dilute the leachate but substantially increases the volume of leachate that needs to be managed and, to resolve this it is proposed to install floating covers on four of the leachate ponds and capture the rainwater before it comes into contact with the leachate in the ponds. Rainwater captured on the pond covers would be pumped into stormwater storage ponds and be utilised during the drier summer months for dust suppression or to maintain optimum moisture content in the composting operations.

A specialist geosynthetic consultant was engaged to assist Waste Services engineering staff in the design and specification of the floating covers.

Documents were prepared and a Request for Tender, RFT 2012-08, was advertised in the West Australian newspaper on 24 October 2012 and online at the EMRC Tenderlink Website. A mandatory site briefing and inspection was held on 29 October 2012 and, by the closing date of 13 November 2012, three submissions were received.

Submissions were received from:

- a) Ertech Pty Ltd;
- b) Fabtech Australia Pty Ltd; and
- c) West Coast Lining Systems.

The Submissions were assessed based on the following assessment criteria:

- a) Relevant Experience & Key Personnel Skills/Experience;
- b) Tenderer's Resources;
- c) Demonstrated Understanding; and
- d) Tendered Price.



Item 9.5 continued

An assessment on the qualitative criteria was carried out by a panel consisting of two EMRC employees and the specialist consultant in lining systems, with each member independently scoring the tenders according to the evaluation matrix. The evaluation resulted in identifying Ertech Pty Ltd as the preferred tender in the overall ranking.

Ertech Pty Ltd scored highest in Relevant Experience & Key Personnel Skills/Experience criterion, shared the same highest score in Tenderer's Resources, and Demonstrating Understanding criteria, and highest in tendered price criterion, making their submission the best value for money for the EMRC.

The tendered sum, \$526,618.00, exceeds the budget allocation of \$400,000.00 for the work. When the budget for the work was being developed, it had been based on the cost of HDPE linings used for Red Hill Farm Stage 1 and it had not been anticipated that prices in this field would escalate so rapidly over the last eight months.

Although the tender is a fixed price tender a contingency amount, up to a maximum of \$20,000.00, is sought so that the contractor can be utilised to undertake remedial work on Red Hill Farm Stage 1 and, if there is a need, to undertake minor repairs to the existing leachate pond liners when the ponds are emptied and before the covers are installed.

The shortfall in the budget will be made up by allocating funds from operational surpluses.

STRATEGIC IMPLICATIONS

Key Result Area 1 – Environmental Sustainability

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

FINANCIAL IMPLICATIONS

The tendered price of \$526,618.00 is in excess of the budget provision of \$400,000.00. There is also a requirement to make provision for contingencies. The shortfall will be made up from surpluses generated from waste operations.

SUSTAINABILITY IMPLICATIONS

The installation of the floating pond covers at the Red Hill Waste Management Facility will ensure EMRC operations are undertaken in a socially, environmentally and financially responsible manner.

MEMBER COUNCIL IMPLICATIONS

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



Item 9.5 continued

ATTACHMENT(S)

Nil

VOTING REQUIREMENT

Simple Majority

RECOMMENDATION(S)

That Council:

1. Award Tender 2012-08 for Floating Pond Covers to Ertech Pty Ltd.
2. Authorise the CEO to enter into a contract, on behalf of the EMRC, with Ertech Pty Ltd in accordance with their submitted tender in the amount of \$526,618.00 (ex. GST).
3. Authorise the CEO to expend additional monies, up to a contingency amount of \$20,000.00 (ex. GST), if required.
4. Note the shortfall in the budget to be funded from the 2012/2013 operating surplus.

Discussion ensued

The Director Waste Services provided an overview of the review process and the basis for the recommendations.

Mr Stewert-Dawkins enquired whether the pond covers would be removed in the summer months, and enquired about the safety of the pond covers and the capability to walk on the pond covers, and whether a risk assessment would be produced. The Director Waste Services responded that the pond covers were permanent and would be constructed with designated fenced walkways but there was no danger if an employee was to venture outside fenced areas. A risk management plan would be implemented.

TAC RECOMMENDATION(S)

MOVED MR LUTEY

SECONDED MR PEARSON

That Council:

1. Award Tender 2012-08 for Floating Pond Covers to Ertech Pty Ltd.
2. Authorise the CEO to enter into a contract, on behalf of the EMRC, with Ertech Pty Ltd in accordance with their submitted tender in the amount of \$526,618.00 (ex. GST).
3. Authorise the CEO to expend additional monies, up to a contingency amount of \$20,000.00 (ex. GST), if required.
4. Note the shortfall in the budget to be funded from the 2012/2013 operating surplus.

CARRIED UNANIMOUSLY



9.6 ITEMS CONTAINED IN THE INFORMATION BULLETIN

REFERENCE: COMMITTEES-14904

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

1. WASTE MANAGEMENT SERVICES

- 1.1 COUNCIL TONNAGE COMPARISONS AS AT 30 SEPTEMBER 2012
(Ref: Committees-14945)
- 1.2 ACTIVITIES BEING UNDERTAKEN BY THE WASTE SERVICES - ENVIRONMENTAL OPERATIONS SECTION (Ref: Committees-14952)
- 1.3 HAZELMERE UPDATE (Ref Committees-14960)

Discussion ensued

The Director Waste Services provided an overview of reports.

The Director Waste Services commented that Council tonnages are down from last year as the EMRC are no longer receiving waste from the WMRC. The City of Bayswater tonnages are lower since the greenwaste collected is now being shredded and reduces the amount required to be landfilled.

RECOMMENDATION

That Council note the items contained in the Information Bulletin.

TAC RESOLUTION(S)

MOVED MR PEARSON SECONDED MR LUTEY

THAT COUNCIL NOTE THE ITEMS CONTAINED IN THE INFORMATION BULLETIN.

CARRIED UNANIMOUSLY



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

Nil

11 GENERAL BUSINESS

Mr Pearson advised that following a tender process Cleanaway has been awarded the City of Bayswater's waste services contract for 2 years with a one year extension.

The Director Waste Services enquired whether the member Councils were interested in participating in the Expression of Interest: HHW Temporary Collection Day organised by WALGA. Mr Stewert-Dawkins declined on the basis that Town of Bassendean will not be able to supply the staff required. Other TAC members also expressed similar reasons.

The Director Waste Services commented on the Regional Funding Program and put forward a possible option that the funding could be utilised for, such as constructing infrastructure for bulk verge collections or better spacing for C&I waste. Mr Lutey commented that the City of Belmont's bulk skip bin collections are being sorted by Cleanaway and are happy with services provided, but if the EMRC's option was more beneficial then it would be looked into.

12 FUTURE MEETINGS OF THE TECHNICAL ADVISORY COMMITTEE

The next meeting of the Technical Advisory Committee will be held on **Thursday 7 February 2013** at the EMRC Administration Office, 1st Floor, Ascot Place, 226 Great Eastern Highway, Belmont WA 6104 commencing at 4:00pm.

Future Meetings 2013

Thursday	7	February	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	at	Red Hill Waste Management Facility

13 DECLARATION OF CLOSURE OF MEETING

There being no further business, the Chairman declared the meeting closed at 1:32pm.