



MINUTES

CERTIFICATION OF CONFIRMATION OF TECHNICAL ADVISORY COMMITTEE MINUTES

6 AUGUST 2015

I, Mr Doug Pearson hereby certify that the minutes from the Technical Advisory Committee Meeting held on 6 August 2015 pages 1 to 8 were confirmed at a Committee meeting held on 19 November 2015.



Signature

Mr Doug Pearson
Person presiding at Meeting

TECHNICAL ADVISORY COMMITTEE

MINUTES

6 August 2015

(REF: D2015/10296)

A meeting of the Technical Advisory Committee was held at the EMRC Administration Office, 1st Floor, 226 Great Eastern Highway, BELMONT WA 6104 on **Thursday, 6 August 2015**. The meeting commenced at **4:02pm**.

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1 DECLARATION OF OPENING AND ANNOUNCEMENT OF VISITORS

The Chairman opened the meeting at 4:02pm.

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

Committee Members

Mr Simon Stewert-Dawkins (Chairman)	Director Operational Services	Town of Bassendean
Mr Michael Worthington (Deputising for Mr Pearson)	Acting Manager Environmental Health Services	City of Bayswater
Mr Ric Lutey	Director Technical Services	City of Belmont
Mr Dennis Blair	Director Infrastructure Services	Shire of Kalamunda
Mr Shane Purdy <i>(from 4:07pm)</i>	Director Infrastructure Services	Shire of Mundaring
Mr Colin Pumphrey (Deputising for Mr Coten)	Manager Fleet and Waste Services	City of Swan
Mr Peter Schneider	Chief Executive Officer	EMRC

Apologies

Mr Doug Pearson (Deputy Chairman)	Director Technical Services	City of Bayswater
Mr Jim Coten	Executive Manager Operations	City of Swan

EMRC Officers

Mr Stephen Fitzpatrick	Director Waste Services
Mr Hua Jer Liew	Director Corporate Services
Mr Gilbert Arlandoo	Manager Engineering & Waste Services
Mr Dave Beresford	Manager Resource Recovery
Mr Kevin Porter	Manager Administration and Compliance
Ms Giulia Bono	Administration Officer (Minutes)
Ms Melinda Berwick	Administration Officer

3 DISCLOSURE OF INTERESTS

Nil

4 ANNOUNCEMENTS BY THE CHAIRMAN OR PRESIDING MEMBER WITHOUT DISCUSSION

Mr Stewert-Dawkins advised that the Municipal Waste Advisory Council (MWAC) was seeking feedback from stakeholders regarding the development of a new Strategic Plan and identifying priority actions for the coming year and that further information can be sought from Ariane Katscherian, Waste Management Support Officer at WALGA.



5 PETITIONS, DEPUTATIONS AND PRESENTATIONS

5.1 RED HILL DEVELOPMENT PLAN

A presentation on the Red Hill Development Plan was given by the Manager Engineering & Waste Services and the Director Waste Services.

Mr Purdy entered the meeting at 4:07pm.

Mr Lutey queried whether the life remaining of the Red Hill Waste Management Facility would be less without the Resource Recovery Facility (RRF). The Director Waste Services advised that without the RRF this would reduce the expected lifespan by half, making it approximately 25 years.

6 CONFIRMATION OF MINUTES OF PREVIOUS MEETINGS

6.1 MINUTES OF THE TECHNICAL ADVISORY COMMITTEE MEETING HELD ON 4 JUNE 2015

That the Minutes of the Technical Advisory Committee meeting held on 4 June 2015, which have been distributed, be confirmed.

TAC RESOLUTION(S)

MOVED MR LUTEY

SECONDED MR BLAIR

THAT THE MINUTES OF THE TECHNICAL ADVISORY COMMITTEE MEETING HELD ON 4 JUNE 2015 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 THE MEETING MAY BE CLOSED TO THE PUBLIC

Nil

10 BUSINESS NOT DEALT WITH FROM A PREVIOUS MEETING

Nil



11 REPORTS OF EMPLOYEES

11.1 TENDER 2015-003 CAPROCK REMOVAL AND CRUSHING

REFERENCE: D2015/10297

PURPOSE OF REPORT

The purpose of this report is to recommend acceptance of a tender for Caprock Removal and Crushing at the Red Hill Waste Management Facility.

KEY ISSUES AND RECOMMENDATION(S)

- A tender for the excavation, removal and crushing of caprock at the Red Hill Waste Management Facility was advertised on 18 April 2015.
- Tenders closed on 11 May 2015 with four (4) submissions being received.
- The tender called for excavation and removal of caprock from future landfill cells, the crushing and screening of the caprock to required product specifications, and the stockpiling of these products at nominated locations.

Recommendation(s)

That Council:

1. Award tender 2015-003 Caprock Removal and Crushing to Palmer Earthmoving Pty Ltd for the period 14 September 2015 to 14 September 2018, with an option to extend for two single year extensions, as per the attached schedule of rates.
2. Note the contract rates for Tender 2015-003 Caprock Removal and Crushing are to be adjusted annually using the Consumer Price Index for Perth at the anniversary of the contract.
3. Authorise the CEO to enter into a contract, on behalf of the EMRC, with Palmer Earthmoving Pty Ltd in accordance with their submitted tender, subject to any minor variations that may be agreed on between the CEO and Palmer Earthmoving Pty Ltd.

SOURCE OF REPORT

Director Waste Services
Manager Engineering and Waste Services

BACKGROUND

As part of landfill development at the Red Hill Waste Management Facility, the EMRC excavates cells for the disposal of waste to ensure that there is always the capacity for waste to be landfilled. The site has a surface layer of lateritic caprock that must be removed and any cell excavation includes, in part, the excavation of caprock. The excavated caprock is crushed into ferricrete for use as a road construction material. The crushing specifications for ferricrete are identical to the Main Roads WA Specification 501. The income from the sale of the ferricrete offsets the cost of the caprock removal and crushing.

Tender 2015-003 is for the excavation of caprock, for the stockpiling of the rock and for the crushing, screening and stockpiling of material crushed to the product specifications as required. The tender is for an initial three year period with an option for two one year extensions at the discretion of the EMRC.

Current waste receipts indicate that there will be a need for future cells to be constructed within the initial contract period of 3 years. For the next area proposed for excavation it is estimated that 200,000m³ of lateritic caprock needs to be removed, 100,000m³ of ferricrete to be crushed, screened and stockpiled, requiring 4 mobilisation and demobilisation events to achieve these quantities.



Item 11.1 continued

It is difficult to determine future needs of ferricrete in the market due to the Gateway WA project coming to an end in 2016 and other major infrastructure and road building projects having no definitive start dates. A period tender for the excavation and crushing of caprock with a schedule of rates contract was considered as being more efficient and providing greater flexibility.

REPORT

Tender 2015-003 for Caprock Removal and Crushing was advertised on 18 April 2015 and closed on 11 May 2015. Four (4) submissions were received from:

- a) B & J Catalano Pty Ltd;
- b) Charles Hull Contracting Pty Ltd;
- c) Mining Drilling Services Pty Ltd; and
- d) Palmer Earthmoving Pty Ltd;

Each submission was assessed by an Evaluation Panel based on the requested criteria.

Compliance criteria

Description of Compliance criteria	Yes/No
(a) Compliance with the Specification contained in the Request.	Yes/No
(b) Compliance with the Conditions of Tendering for this Request.	Yes/No
(c) Compliance with the EMRC Environmental Protection requirements contained in the Request	Yes/No
(d) Compliance with and completion of the Price Schedule.	Yes/No

Qualitative criteria

Description of Qualitative criteria	Weighting
(a) Demonstrated experience in completing similar projects	15%
(b) Environmental Management Plan	10%
(c) Safety Management Plan	10%
(d) Tenderer's resources. (The ability to meet product specification and timeline to carry out works for each campaign)	15%
(e) Methodology to complete the work	10%

Price Consideration

Criteria	Weighting
Tendered price	40%



Item 11.1 continued

Tenderers were also requested to provide pricing for the blasting of Caprock as an alternative to excavating using a D11 Dozer. However, blasting of the Caprock will only be considered if the Caprock cannot be removed using the D11 Dozer or similar, and all regulatory requirements have been met.

Based on the Panel's evaluation, the tender from Palmer Earthmoving Pty Ltd represented the highest rated assessment against the qualitative selection criteria and demonstrated the most advantageous tender to EMRC. It is therefore recommended that the contract be awarded to Palmer Earthmoving Pty Ltd for an initial contract period of 3 years, at the Red Hill Waste Management Facility, as per the schedule of rates in their tender submissions (Attachment).

The contract rates are to be adjusted annually at each anniversary of the contract based on the consumer price index for Perth over the previous twelve months and the two single year extensions will be exercised by the CEO subject to satisfactory performance.

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 1 – Environmental Sustainability

- 1.1 To provide sustainable waste disposal operations
- 1.4 To investigate leading edge waste management practices

FINANCIAL IMPLICATIONS

The budget estimate for the total contract, including extension options is approximately \$3,863,625. Provision has been made in the 2015/2016 budget for the caprock removal and crushing to begin, and further budget provisions will be made in following financial years for future campaigns.

SUSTAINABILITY IMPLICATIONS

The removal and crushing of caprock programme is an important aspect of the EMRC's economic sustainability and operations.

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 11.1 continued

ATTACHMENT(S)

Price Schedule of Rates (Ref: D2015/12554)

VOTING REQUIREMENT

Simple Majority

RECOMMENDATION(S)

That Council:

1. Award tender 2015-003 Caprock Removal and Crushing to Palmer Earthmoving Pty Ltd for the period 14 September 2015 to 14 September 2018, with an option to extend for two single year extensions, as per the attached schedule of rates.
2. Note the contract rates for Tender 2015-003 Caprock Removal and Crushing are to be adjusted annually using the Consumer Price Index for Perth at the anniversary of the contract.
3. Authorise the CEO to enter into a contract, on behalf of the EMRC, with Palmer Earthmoving Pty Ltd in accordance with their submitted tender, subject to any minor variations that may be agreed on between the CEO and Palmer Earthmoving Pty Ltd.

TAC RECOMMENDATION(S)


MOVED MR LUTEY

SECONDED MR BLAIR

That Council:

1. Award tender 2015-003 Caprock Removal and Crushing to Palmer Earthmoving Pty Ltd for the period 14 September 2015 to 14 September 2018, with an option to extend for two single year extensions, as per the attached schedule of rates.
2. Note the contract rates for Tender 2015-003 Caprock Removal and Crushing are to be adjusted annually using the Consumer Price Index for Perth at the anniversary of the contract.
3. Authorise the CEO to enter into a contract, on behalf of the EMRC, with Palmer Earthmoving Pty Ltd in accordance with their submitted tender, subject to any minor variations that may be agreed on between the CEO and Palmer Earthmoving Pty Ltd.

CARRIED UNANIMOUSLY

 EMRC - RFT 2015-003 Caprock Removal & Crushing Lot 1 and Lot 12 Price Schedule					
The contract/unit price/s includes all labour, plant and equipment, attendants, driver/operator's wages, taxes (excluding GST), charges, fees, import duties, overheads, profit and all other things necessary to perform the Works in an efficient and safe manner, including but not limited to spare parts, repairs and insurance. The contract/unit price/s shall not be subject to any rise and fall or fluctuation in exchange rates whatsoever. All volumes are to be measured of crushed stockpiles of material meeting the Specification by a licensed surveyor on completion.					
Please only populate Yellow Highlighted column					
No.	Item Description	Tender Unit	Price / Unit Tendered (per m3) (ex GST)	GST Component	Price / Unit Tendered (per m3) (inc GST)
1	Mobilisation and demobilisation (One inclusive price per campaign)	Each	\$ 22,430.00	\$ 2,243.00	\$ 24,673.00
2	Breaking, Excavation and stockpiling of Rock using D11 Dozer or equivalent. (Including hauling up to 500m)	m ³	\$ 3.60	\$ 0.36	\$ 3.96
3	Breaking, Excavation and stockpiling of Rock using a blasting method. (Including hauling up to 500m)	m ³	\$ 13.00	\$ 1.30	\$ 14.30
4	Crushing, screening and stockpiling of rock to produce Ferricrete to specification as set out in Section 2.1.3.3. (Including hauling up to 500m)	m ³	\$ 9.25	\$ 0.93	\$ 10.18
5	Crushing, screening and stockpiling of Rock to produce a 20mm product. (Including hauling up to 500m)	m ³	\$ 9.25	\$ 0.93	\$ 10.18
6	Crushing, screening and stockpiling of Rock to produce a 20mm-40mm product. (Including hauling up to 500m)	m ³	\$ 9.25	\$ 0.93	\$ 10.18
7	Crushing, screening and stockpiling of Rock to produce a 40mm-80mm product. (Including hauling up to 500m)	m ³	\$ 9.25	\$ 0.93	\$ 10.18
8	Extra Hauling of product > 0.5 to 1.0 km to stockpile	m ³	\$ 2.40	\$ 0.24	\$ 2.64
9	Extra Hauling of product > 1.0 to 2.0 km to stockpile	m ³	\$ 2.85	\$ 0.29	\$ 3.14
10	Extra Hauling of product > 2.0 to 3.0 km to stockpile	m ³	\$ 3.50	\$ 0.35	\$ 3.85

* The EMRC offers no guarantee of quantities.



11.2 ITEMS CONTAINED IN THE INFORMATION BULLETIN

REFERENCE: Ref: D2015/12205

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

1. WASTE SERVICES

1.1 COUNCIL TONNAGE COMPARISONS AS AT 30 JUNE 2015 (Ref: D2015/12204)

RECOMMENDATION

That the Technical Advisory Committee notes the items contained in the Information Bulletin.

TAC RESOLUTION(S)

MOVED MR LUTEY

SECONDED MR BLAIR

THAT THE TECHNICAL ADVISORY COMMITTEE NOTES THE ITEMS CONTAINED IN THE INFORMATION BULLETIN.

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 3 September 2015** (*if required*) at the EMRC Administration Office, 1st Floor, Ascot Place, 226 Great Eastern Highway, Belmont WA 6104 commencing at 4:00pm.

Future Meetings 2015

Thursday	3	September (if required)	at	EMRC Administration Office
Thursday	8	October (if required)	at	EMRC Administration Office
Thursday	19	November (if required)	at	Red Hill Waste Management Facility

16 DECLARATION OF CLOSURE OF MEETING

There being no further business, the Chairman declared the meeting closed at 4:35pm.