




MINUTES

CERTIFICATION OF CONFIRMATION OF TECHNICAL ADVISORY COMMITTEE MINUTES

7 February 2019

I, Mr Jim Coten, hereby certify that the minutes from the Technical Advisory Committee Meeting held 7 February 2019 on pages (1) to (22) were confirmed at a Committee meeting held on 7 March 2019.



Signature

Mr Jim Coten
Person presiding at Meeting

TECHNICAL ADVISORY COMMITTEE

MINUTES

7 February 2019

(REF: D2019/01064)

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, 7 February 2019**. The meeting commenced at **4:04pm**.

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1 DECLARATION OF OPENING AND ANNOUNCEMENT OF VISITORS

The Acting Chief Executive Officer (A/CEO) opened the meeting at 4:04pm, welcomed those in attendance and acknowledged the traditional custodians of the land on which the meeting was held and paid respects to the elders past, present and future.

The A/CEO welcomed and congratulated the newly appointed Director Infrastructure Services from the City of Belmont, Mr Alan Sheridan to the meeting.

The A/CEO advised that due to the position title change, Mr Sheridan's appointment to the Committee will need to be endorsed by Council at its 21 February 2019 meeting.

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

Committee Members

Mr Simon Stewert-Dawkins <i>(from 4:19pm)</i>	Director Operational Services	Town of Bassendean
Mr Doug Pearson	Director Technical Services	City of Bayswater
Mr Brett Jackson	Director Asset Services	City of Kalamunda
Mr Jim Coten	Executive Manager Operations	City of Swan
Mrs Wendy Harris	Acting Chief Executive Officer	EMRC

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 Alan Sheridan	Director Infrastructure Services	City of Belmont
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The A/CEO advised that, in accordance with section 3.3 of the EMRC Standing Orders and section 5.6(3) of the *Local Government Act 1995*, members are to choose someone present to preside at the meeting.

The A/CEO called for nominations for the appointment of a member to preside at the meeting.

Mr Pearson nominated Mr Coten. Mr Coten accepted the nomination and assumed the role of the Presiding Member at 4:05pm.



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 22 NOVEMBER 2018

That the Minutes of the Technical Advisory Committee meeting held on 22 November 2018 which have been distributed, be confirmed.

TAC RESOLUTION(S)

MOVED MR JACKSON

SECONDED MR PEARSON

THAT THE MINUTES OF THE TECHNICAL ADVISORY COMMITTEE MEETING HELD ON 22 NOVEMBER 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 2018-006 SUPPLY OF ALTERNATIVE DAILY COVER

REFERENCE: D2019/01065

PURPOSE OF REPORT

The purpose of this report is to advise Council of the results of the Tender 2018-006 for the supply and delivery of alternative daily cover for the Red Hill Waste Management Facility and recommend acceptance of the Tender from Odour Control Systems International (Australia) Limited.

KEY POINTS AND RECOMMENDATION(S)

- A tender for the supply and delivery of alternative daily cover slurry dry mixes was advertised on 24 November 2018.
- Tenders closed on 11 December 2018 with two (2) submissions being received.
- The tender called for the supply and delivery of mineral binders, fibres and adhesives to produce three (3) different slurries, each with their own durability and life span, suitable for use as Daily Cover, Intermediate Cover and Long-term Cover for the Red Hill Waste Management Facility.

Recommendations

That:

1. Council award Tender 2018-006 to Odour Control Systems International (Australia) Limited for the period 1 March 2019 to 28 February 2022 in accordance with their submitted Price Schedule attached to this report with an option of two (2) single year extensions, exercisable by the CEO subject to satisfactory performance.
2. The contract rates for Tender 2018-006 be adjusted annually using the Consumer Price Index for Perth for the previous twelve months.

SOURCE OF REPORT

Director Waste Services

BACKGROUND

The EMRC Red Hill operations have been using alternative daily cover to cover the exposed waste at the tip face at the end of each day for the last nine (9) years. The alternative daily cover is less than 5mm thick and reduces the use of clay for cover material at a thickness of about 300mm, thus saving on landfill airspace.

Tender 2012-11, awarded to Odour Control Systems for the supply of and delivery of alternative daily cover slurry for the Red Hill Waste Management Facility has come to the end of its term. As a result a new tender process had to be called.

REPORT

The Request for Tender, RFT 2018-006 for the the supply and delivery of mineral binders, fibres and adhesives to produce three (3) different slurries, each with their own durability and life span, suitable for use as Daily Cover, Intermediate Cover and Long-term Cover for the Red Hill Waste Management Facility was advertised on 24 November 2018.



Item 11.1 continued

By the closing date of 11 December 2018, two (2) submissions were received as follows:

- Envirofix Australia Pty Ltd; and
- Odour Control Systems International (Australia) Limited.

Rates were submitted by both tenderers for the supply of dry mix material for (1) Daily Cover, (2) Intermediate Cover and (3) Long-term Cover.

The submissions were assessed based on the following assessment criteria:

Assessment Criteria	Weighting
a) Demonstrated experience in completing similar projects/supply similar goods;	20%
b) A demonstrated understanding of the required tasks; and	20%
c) Tendered Price	60%

An assessment on the qualitative criteria and price was carried out by a panel, with each panellist independently scoring the tenders according to the evaluation matrix. The evaluation resulted in identifying Odour Control Systems International (Australia) Limited scoring highest in the overall ranking and the lowest priced tender.

Consequently, Odour Control Systems International (Australia) Limited is recommended as the preferred tenderer.

STRATEGIC IMPLICATIONS

Key Result Area 1 – Environmental Sustainability

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

FINANCIAL IMPLICATIONS

The approximate total cost of this tender over the five (5) year period is \$972,850.00 (ex GST) which is provided for in the adopted 2018/2019 Annual Budget and subsequent years.

SUSTAINABILITY IMPLICATIONS

Providing daily cover for landfilled waste is important to reduce the environmental impact of the waste disposal operations, manage odour and wildlife impacts and is a condition of the EMRC's DWER licence at Red Hill. Alternative daily cover consumes significantly less airspace and clay than conventional daily cover, therefore extending the life of the landfill.



Item 11.1 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)

Price Schedule (Ref: D2019/01885)

VOTING REQUIREMENT

Simple Majority

RECOMMENDATION(S)

That:

1. Council award Tender 2018-006 to Odour Control Systems International (Australia) Limited for the period 1 March 2019 to 28 February 2022 in accordance with their submitted Price Schedule attached to this report with an option of two (2) single year extensions, exercisable by the CEO subject to satisfactory performance.
2. The contract rates for Tender 2018-006 be adjusted annually using the Consumer Price Index for Perth for the previous twelve months.

Discussion ensued

The Director Waste Services provided a brief overview of the report and highlighted the cost savings after research was undertaken after comparing other materials on the market.

TAC RECOMMENDATION(S)

MOVED MR JACKSON

SECONDED MR PEARSON

That:

1. Council award Tender 2018-006 to Odour Control Systems International (Australia) Limited for the period 1 March 2019 to 28 February 2022 in accordance with their submitted Price Schedule attached to this report with an option of two (2) single year extensions, exercisable by the CEO subject to satisfactory performance.
2. The contract rates for Tender 2018-006 be adjusted annually using the Consumer Price Index for Perth for the previous twelve months.

CARRIED UNANIMOUSLY



4.4.3 PRICE / INFORMATION SCHEDULES

4.4.3.1 PRICE SCHEDULE FOR DAILY COVER MIX

Alternative daily cover – dry material. Price Delivered Duty Paid (Incoterms 2010) to Red Hill Waste Management Facility			
Description of bag contents	Standard bag size (kg)	Number of bags per 3,785 ℓ liquid slurry	Price Tendered per bag (ex GST)
SuperCover	22.65 kg	3	165
Cellulose Mulch	22.65	10	\$42.00
3			\$
4			\$

4.4.3.2 INFORMATION SCHEDULE FOR DAILY COVER MIX

Item Description	
Volume of fresh water in 3,785 ℓ slurry	3785
Cost of dry mix per 3,785 ℓ slurry	\$ 915.00
Coverage per 3,785 ℓ slurry at standard application rate	2100m ² / 3,785 ℓ
Cost per square metre of coverage at standard application rate	\$ 0.436 m ²

4.4.3.3 PRICE SCHEDULE FOR INTERMEDIATE COVER MIX

Alternative daily cover – dry material. Price Delivered Duty Paid (Incoterms 2010) to Red Hill Waste Management Facility			
Description of bag contents	Standard bag size (kg)	Number of bags per 3,785 ℓ liquid slurry	Price Tendered (ex GST) per bag
ConCover SW	22.65	10	125
Cellulose Mulch	22.65	7	42
3			\$
4			\$

4.4.3.4 INFORMATION SCHEDULE FOR INTERMEDIATE COVER MIX

Item Description	
Volume of fresh water in 3,785 ℓ slurry	3785
Cost of dry mix per 3,785 ℓ slurry	\$ 1544
Coverage per 3,785 ℓ slurry at standard application rate	1250 m ² / 3,785 ℓ
Cost per square metre of coverage at standard application rate	\$ 1.24 m ²

4.4.3.5 PRICE SCHEDULE FOR LONG-TERM COVER MIX

Alternative daily cover – dry material. Price Delivered Duty Paid (Incoterms 2010) to Red Hill Waste Management Facility			
Description of bag contents	Standard bag size (kg)	Number of bags per 3,785 ℓ liquid slurry	Price Tendered (ex GST) per bag
ConCover 180	22.65	36	\$75
Cellulose Mulch	22.65	8	42
3			\$
4			\$

4.4.3.6 INFORMATION SCHEDULE FOR LONG-TERM COVER MIX

Item Description	
Volume of fresh water in 3,785 ℓ slurry	2274 ℓ
Cost of dry mix per 3,785 ℓ slurry	\$ 3036
Coverage per 3,785 ℓ slurry at standard application rate	1080 m ² / 3,785 ℓ
Cost per square metre of coverage at standard application rate	\$ 2.81 m ²



11.2 TENDER 2018-011 PROVISION OF LATERITIC CAPROCK QUARRYING SERVICE

REFERENCE: D2019/01211

PURPOSE OF REPORT

The purpose of this report is to advise Council of the results of Tender 2018-011 for the provision of a lateritic caprock quarrying service and recommend acceptance of the Tender from B&J Catalano Pty Ltd.

KEY POINTS AND RECOMMENDATION(S)

- A tender for the provision of a quarrying service to excavate, remove and crush lateritic caprock at the Red Hill Waste Management Facility was advertised on 8 December 2018.
- Tenders closed on 8 January 2019 with two (2) complying submissions being received.
- The tender called for the provision of a quarrying service to excavate and remove 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:

1. Council award Tender 2018-011 Provision of Lateritic Caprock Quarrying Service to B&J Catalano Pty Ltd at the listed rates forming the Attachment to this report, for the period 1 March 2019 to 28 February 2021, with an option for two (2) single year extensions, exercisable by the CEO subject to satisfactory performance.
2. The CEO be authorised to enter into a contract with B&J Catalano Pty Ltd in accordance with their submitted tender, subject to any minor variations that may be agreed on between the CEO and B&J Catalano Pty Ltd.
3. The contract rates for Tender 2018-011 Provision of Lateritic Caprock Quarrying Service are 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

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 conform to Main Roads WA Specification 501. The income from the sale of the ferricrete offsets the cost of the caprock removal and crushing.

Tender 2018-011 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 two (2) year period with an option for two (2) single year extensions, exercisable by the CEO subject to satisfactory performance.



Item 11.2 continued

REPORT

Tender 2018-011 for Caprock Removal and Crushing was advertised on 8 December 2018 and closed on 8 January 2019. Two (2) compliant submissions were received from:

- a) B&J Catalano Pty Ltd; and
- b) Palmer Civil Construction Pty Ltd.

Each submission was assessed by an Evaluation Panel based on the following criteria:

Compliance Criteria

Description of Compliance Criteria	Yes/No
(a) Compliance and completeness in completing Part 4, in particular the Offer Form in section 4.1, Qualitative Criteria in section 4.3.2 and Price Information in section 4.4, contained in this RFT.	Yes/No
(b) Compliance with the Conditions of Tendering for this Request.	Yes/No
(c) Compliance with the RFT closing date.	Yes/No
(d) Compliance with and completion of the Price Schedule.	Yes/No

Qualitative criteria

Description of Qualitative Criteria	Weighting
(a) Technical capabilities and capacity to provide service	15%
(b) Tenderer's Demonstrated Experience in providing similar service	15%
(c) Service Execution Methodology	15%
(d) OH&S Management.	10%
(e) Environmental Management	10%



Item 11.2 continued

Price Consideration

Criteria	Weighting
Tendered price	35%

After combining the weighted scores for both the qualitative criteria and price, B&J Catalano Pty Ltd represented the highest rated overall assessment.

Based on the Panel's evaluation, the tender from B&J Catalano Pty Ltd demonstrated the most advantageous submission and is considered to offer the best value for money.

It is recommended that the contract be awarded to B&J Catalano Pty Ltd for an initial contract period of two (2) years, at the Red Hill Waste Management Facility, as per the schedule of rates in their tender submissions (Attachment) with an option for two (2) single year extensions, exercisable by the CEO subject to satisfactory performance.

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.

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

Provision has been made in the adopted 2018/2019 Annual Budget and subsequent years for the provision of caprock removal and crushing services. The budget provisions will be adjusted annually based on the expected number of campaigns and the tendered schedule of rates. It is anticipated that the value of the contract is estimated at \$2.587 million in the first two (2) years of the contract.

SUSTAINABILITY IMPLICATIONS

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

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	



Item 11.2 continued

ATTACHMENT(S)

Schedule of Rates (Ref: D2019/01989)

VOTING REQUIREMENT

Simple Majority

RECOMMENDATION(S)

That:

1. Council award Tender 2018-011 Provision of Lateritic Caprock Quarrying Service to B&J Catalano Pty Ltd at the listed rates forming the Attachment to this report, for the period 1 March 2019 to 28 February 2021, with an option for two (2) single year extensions, exercisable by the CEO subject to satisfactory performance.
2. The CEO be authorised to enter into a contract with B&J Catalano Pty Ltd in accordance with their submitted tender, subject to any minor variations that may be agreed on between the CEO and B&J Catalano Pty Ltd.
3. The contract rates for Tender 2018-011 Provision of Lateritic Caprock Quarrying Service are adjusted annually at each anniversary of the contract based on the Consumer Price Index for Perth over the previous twelve months.

Discussion ensued

Members requested the EMRC officers to review the tender process to increase the number of submissions to improve available options.

The Director Waste Services advised that there was a lot of interest on the website, however submissions were not presented and he will follow up with officers to review the tender process.

TAC RECOMMENDATION(S)


MOVED MR PEARSON

SECONDED MR JACKSON

That:

1. Council award Tender 2018-011 Provision of Lateritic Caprock Quarrying Service to B&J Catalano Pty Ltd at the listed rates forming the Attachment to this report, for the period 1 March 2019 to 28 February 2021, with an option for two (2) single year extensions, exercisable by the CEO subject to satisfactory performance.
2. The CEO be authorised to enter into a contract with B&J Catalano Pty Ltd in accordance with their submitted tender, subject to any minor variations that may be agreed on between the CEO and B&J Catalano Pty Ltd.
3. The contract rates for Tender 2018-011 Provision of Lateritic Caprock Quarrying Service are adjusted annually at each anniversary of the contract based on the Consumer Price Index for Perth over the previous twelve months.

CARRIED UNANIMOUSLY

 EMRC - RFT 2018-011 Lateritic Caprock Quarrying Service - Red Hill Price Schedule					
The contract/unit price/s includes all labour, plant and equipment, mobilisation and demobilisation of all equipment, attendants, driver/operator's wages, taxes (excluding GST), charges, fees, import duties, overheads, profit and all other things necessary to perform the Service in an efficient, effective 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 for the first 12 months. 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	Clearing of vegetation	Ha	\$ 429.25	\$ 42.93	\$ 472.18
2	Stripping of topsoil	Ha	\$ 27,200.00	\$ 2,720.00	\$ 29,920.00
2A - Catalano alternative	Stripping of topsoil (including hauling up to 500m)	Ha	\$ 10,466.68	\$ 1,046.67	\$ 11,513.35
	Mobilisation and demobilisation	Mob & Demob per crushing run	\$ 19,852.73	\$ 1,985.27	\$ 21,838.00
BLASTING ONLY					
3	Blasting of Rock only. Assuming average thickness of 2.5m. Rock to be blasted so that no single rock is larger than 700mm (<10,000m2)	m2	\$ 13.20	\$ 1.32	\$ 14.52
4	Blasting of Rock only. Assuming average thickness of 2.5m. Rock to be blasted so that no single rock is larger than 700mm (10,000-20,000m2)	m2	\$ 12.60	\$ 1.26	\$ 13.86
5	Blasting of Rock only. Assuming average thickness of 2.5m. Rock to be blasted so that no single rock is larger than 700mm (20,000-50,000m2)	m2	\$ 11.90	\$ 1.19	\$ 13.09
6	Blasting of Rock only. Assuming average thickness of 2.5m. Rock to be blasted so that no single rock is larger than 700mm (>50,000m2)	m2	\$ 9.80	\$ 0.98	\$ 10.78
EXCAVATION ONLY					
7	Breaking, Excavation and stockpiling of Rock only using D11 Dozer or equivalent. (Including hauling up to 500m)	m3	\$ 5.83	\$ 0.58	\$ 6.41
8	Excavation and stockpiling of blasted Rock only. (Including hauling up to 500m)	m3	\$ 2.85	\$ 0.29	\$ 3.14
7A & 8A	Stand alone haulage	m3	\$ 2.17	\$ 0.22	\$ 2.39
EXCAVATION AND CRUSHING					
9	Excavation, Crushing and stockpiling of Rock to produce Ferricrete to specification as set out in Section 9 of the Scope of Supply document using D11 Dozer or equivalent. (Including hauling up to 500m)	m3	\$ 9.79	\$ 0.98	\$ 10.77
10	Excavation, Crushing and stockpiling of blasted Rock to produce Ferricrete to specification as set out in Section 9 of the Scope of Supply document (Including hauling up to 500m)	m3	\$ 6.45	\$ 0.65	\$ 7.10
CRUSHING FROM STOCKPILED ROCK					
11	Excavation, Crushing and stockpiling of Rock to produce Ferricrete to specification as set out in Section 9 of the Scope of Supply document from stockpiled source rock (Including hauling up to 500m)	m3	\$ 5.74	\$ 0.57	\$ 6.31
OTHER ROCK SIZES					
12	Crushing, screening and stockpiling of Rock to produce a 19mm product. (Including hauling up to 500m)	m3	\$ 6.49	\$ 0.65	\$ 7.14
13	Crushing, screening and stockpiling of Rock to produce a 25mm product. (Including hauling up to 500m)	m3	\$ 5.61	\$ 0.56	\$ 6.17
14	Crushing, screening and stockpiling of Rock to produce a 20mm-40mm product. (Including hauling up to 500m)	m3	\$ 5.61	\$ 0.56	\$ 6.17
15	Crushing, screening and stockpiling of Rock to produce a 40mm-80mm product. (Including hauling up to 500m)	m3	\$ 5.61	\$ 0.56	\$ 6.17
EXTRA HAULAGE					
16	Extra Hauling of product > 0.5 to 1.0 km to stockpile	m3	\$ 0.44	\$ 0.04	\$ 0.48
17	Extra Hauling of product > 1.0 to 2.0 km to stockpile	m3	\$ 1.33	\$ 0.13	\$ 1.46
18	Extra Hauling of product > 2.0 to 3.0 km to stockpile	m3	\$ 2.21	\$ 0.22	\$ 2.43

*** The EMRC offers no guarantee of quantities.**



11.3 HAZELMERE WOODWASTE TO ENERGY PLANT, SUPERINTENDENT ROLE

REFERENCE: D2019/01574

PURPOSE OF REPORT

The purpose of this report is to seek Council approval for the continuing consulting services of Monadelphous Engineering Associates Pty Ltd for Superintendent services on the Hazelmere Wood Waste to Energy Project.

KEY POINTS AND RECOMMENDATION(S)

- Monadelphous Engineering Associates Pty Ltd (Monadelphous) was appointed to the role of independent Superintendent for the Hazelmere Wood Waste to Energy Project in January 2018.
- Monadelphous have been carrying out this role diligently and assisting the EMRC's project team to monitor the progress of the project and manage the contractor.
- Due to contractor delays, the cost of using Monadelphous as independent Superintendent has almost reached the tender limit and their services will be needed for another four (4) to six (6) months when the project will reach practical completion and handover.
- The *Local Government Act 1995* (LGA) requires tenders to be publicly invited for contracts worth more than \$150,000.
- The *Local Government (Functions and General) Regulations 1996* however, state 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 potential supplier, then tenders do not need to be invited.
- Due to Monadelphous Engineering Associates Pty Ltd experience over the past 12 months superintending the contractor for the Hazelmere Wood Waste to Energy (WWTE) Project and the additional cost to change superintendent at this stage, it is suggested that in accordance with *Local Government (Functions and General) Regulations 1996* r.11(2)(f) that tenders not be invited on this occasion.

Recommendation(s)

That Council:

1. Acknowledges that because of Monadelphous Engineering Associates Pty Ltd existing involvement and experience, it has good reason to believe there is unlikely to be any other supplier who can provide a similar value for money outcome to complete the requirements of the contract Superintendent for the Hazelmere Wood Waste to Energy Project.
2. Notes the additional expenditure of consulting fees to the value indicated in the report, required to complete the superintending of the contract by Monadelphous Engineering Associates Pty Ltd, to be funded from the Secondary Waste Reserve.

SOURCE OF REPORT

Director Waste Services



Item 11.3 continued

BACKGROUND

In a confidential report to the 24 August 2017 meeting of Council it was resolved:

“*THAT*

1. *COUNCIL BY ABSOLUTE MAJORITY IN ACCORDANCE WITH SECTION 6.8(1) OF THE LOCAL GOVERNMENT ACT 1995 APPROVE A LOAN UP TO THE AMOUNT SPECIFIED IN THE REPORT TO ANSAC PTY LTD TO EXPEDITE THE COMPLETION OF THE WOOD WASTE TO ENERGY PLANT CONSTRUCTION AND COMMISSIONING, IF REQUIRED.*
2. *COUNCIL BY ABSOLUTE MAJORITY AUTHORISE THE CEO, IN CONSULTATION WITH THE CHAIRMAN, TO NEGOTIATE THE TERMS OF A LOAN TO ANSAC PTY LTD FOR AN AMOUNT SPECIFIED IN THE REPORT TO BE USED EXCLUSIVELY FOR THE COMPLETION OF THE HAZELMERE WOOD WASTE TO ENERGY PLANT.*
3. *THE REPORT AND ATTACHMENTS REMAIN CONFIDENTIAL AND BE CERTIFIED BY THE CHAIRMAN AND CEO”.*

The provision of loan funding to Anergy Australia Pty Ltd (Anergy) to expedite completion of the Hazelmere WWTE Plant commenced in January 2018 following execution of the loan agreement and the associated General Security Agreement and Specific Security Agreement. An independent Superintendent was appointed to oversee the contract completion and the administration of the loan funding to Anergy, as recommended by the EMRC’s legal advisor. The independent Superintendent appointed was from Monadelphous as a result of a Request for Quotation process.

REPORT

The EMRC’s independent Superintendent from Monadelphous has been overseeing the contract completion and the administration of the loan funding to Anergy for 13 months as at the end of January 2019. This is longer than was anticipated at the time of appointment of the Superintendent because of delays caused by Anergy in carrying out the contract works.

The current estimated date for practical completion of the contract works is April 2019, followed by commissioning and handover to the EMRC and its operation and maintenance contractor in June 2019. The cost of using Monadelphous for Superintendent services has almost reached the tender limit under the *Local Government Act 1995* and the independent Superintendent will be needed for another five (5) months to the handover stage of the plant.

Because of Monadelphous unique involvement as the independent contract Superintendent in the construction of the Hazelmere WWTE Project so far, their knowledge of the contractor (Anergy) and the actual contract, their continued involvement would provide the most efficient and effective outcome and value for money in the most timely manner, to complete the construction project. To use an alternative superintendent would only add additional delays in procuring this service, handover, up skilling and costs. The costs to complete the contract superintendent tasks using Monadelphous have been estimated at \$100,000 (ex GST) which will take it over the tender threshold of \$150,000 (ex GST).

In accordance with regulation 11(2)(f) of the *Functions and General Regulations of the Local Government Act 1995*, the EMRC has good reason to believe that, the use of Monadelphous is required for the contract works to be completed on the Hazelmere WWTE Project.



Item 11.3 continued

STRATEGIC/POLICY IMPLICATIONS

Key Result Area 1 – Environmental Sustainability

- 1.1 To provide sustainable waste disposal operations
- 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

Funds are allocated in the adopted Annual Budget for 2018/2019 under the Wood Waste to Energy Project (24410/03.JF) to undertake all consulting costs associated with the construction of the Hazelmere Wood Waste to Energy Plant.

SUSTAINABILITY IMPLICATIONS

The Hazelmere Wood Waste to Energy Plant is aimed at reducing greenhouse gas emissions from the EMRC's waste disposal operations and State programmes for reduction of waste to landfill.

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

Absolute Majority



Item 11.3 continued

RECOMMENDATION(S)

That Council:

1. Acknowledges that because of Monadelphous Engineering Associates Pty Ltd existing involvement and experience, it has good reason to believe there is unlikely to be any other supplier who can provide a similar value for money outcome to complete the requirements of the contract Superintendent for the Hazelmere Wood Waste to Energy Project.
2. Notes the additional expenditure of consulting fees to the value indicated in the report, required to complete the superintending of the contract by Monadelphous Engineering Associates Pty Ltd, to be funded from the Secondary Waste Reserve.

Discussion ensued

Mr Pearson enquired why the project has cost the EMRC \$150,000 over 13 months and yet over five (5) months the project has cost \$100,000. The Manager Resource Recovery informed members that, in that 13 month period, the Superintendent was working in a part-time capacity but since August 2018 the Superintendent has been working in a full-time capacity to supervise the project to completion.

TAC RECOMMENDATION(S)

MOVED MR JACKSON

SECONDED MR PEARSON

That Council:

1. Acknowledges that because of Monadelphous Engineering Associates Pty Ltd existing involvement and experience, it has good reason to believe there is unlikely to be any other supplier who can provide a similar value for money outcome to complete the requirements of the contract superintendent for the Hazelmere Wood Waste to Energy Project.
2. Notes the additional expenditure of consulting fees to the value indicated in the report, required to complete the superintending of the contract by Monadelphous Engineering Associates Pty Ltd, to be funded from the Secondary Waste Reserve.

CARRIED UNANIMOUSLY



11.4 ITEMS CONTAINED IN THE INFORMATION BULLETIN

REFERENCE: Ref: D2019/01287

The following item is included in the Information Bulletin, which accompanies the Agenda.

1. WASTE SERVICES

1.1 COUNCIL TONNAGE COMPARISONS AS AT DECEMBER 2018 (Ref: D2019/01217)

RECOMMENDATION

That the Technical Advisory Committee notes the item contained in the Information Bulletin accompanying the 7 February 2019 Technical Advisory Committee Agenda.

TAC RESOLUTION(S)

MOVED MR PEARSON

SECONDED MR JACKSON

THAT THE TECHNICAL ADVISORY COMMITTEE NOTES THE ITEM CONTAINED IN THE INFORMATION BULLETIN ACCOMPANYING THE 7 FEBRUARY 2019 TECHNICAL ADVISORY COMMITTEE AGENDA.

CARRIED UNANIMOUSLY



11.5 TENDER 2018-003 HAZELMERE RESOURCE RECOVERY PARK WEIGHBRIDGE UPGRADE

REFERENCE: D2019/02350

PURPOSE OF REPORT

The purpose of this report is to advise Council of the results of the Tender 2018-003 for the Hazelmere Resource Recovery Park Weighbridge Upgrade and recommend acceptance of the Tender from Accucorp Pty Ltd t/a Accuweigh Pty Ltd.

KEY POINTS AND RECOMMENDATION(S)

- A tender for Hazelmere Resource Recovery Park Weighbridge Upgrade was advertised on 1 August 2018.
- Tenders closed on 22 August 2018 with two (2) submissions being received.
- The tender called for the supply, installation and commissioning of a new weighbridge, disassembly, relocation and commissioning of the existing weighbridge, maintenance of both weighbridges for two years and the supply of spare parts.
- The tender was awarded to Accucorp Pty Ltd t/a Accuweigh Pty Ltd on 13 November 2018 by the CEO under delegated authority (delegation C5/2016).
- Post tender award contract variations on the weighbridge house will take the contract value above the CEO's delegated authority limit hence Council approval is required.

Recommendations

That:

1. Council endorses the award of Tender 2018-003 for Hazelmere Resource Recovery Park Weighbridge Upgrade to Accucorp Pty Ltd T/A Accuweigh Pty Ltd for the sum of \$370,445 (ex GST).
2. Council endorses the offer from Accucorp Pty Ltd T/A Accuweigh Pty Ltd to undertake weighbridge maintenance and calibration services for two (2) years for the sum of \$10,190 (ex GST).
3. Council endorses the supply of spare parts as per the Price Schedule attached to this report.
4. Council authorise a 15% contingency on the contract sum for contract variations for Tender 2018-003.

SOURCE OF REPORT

Director Waste Services

BACKGROUND

As part of the development of the Hazelmere Resource Recovery Park, an upgrade to the weighbridge system was required comprising of the supply and delivery of one (1) new weighbridge, relocation of the existing weighbridge and the design, supply and delivery of a new weighbridge office.

Tender 2018-003 was advertised in August 2018 with two (2) submissions being received. The EMRC evaluation panel assessed the two (2) conforming tenders from Accucorp Pty Ltd t/a Accuweigh and Mettler Toledo Pty Ltd against the Qualitative Criteria and Quantitative Criteria as follows:



Item 11.5 continued

Description of Qualitative Criteria	Weighting
(a) Technical compliance with the Specification	25%
(b) Tenderer's Demonstrated Experience	15%
(c) Project Execution Methodology.	10%
(d) OH&S Management.	10%

Quantitative Criteria

The tendered price was weighted at 40% of the evaluation.

After combining the weighted scores for both the qualitative criteria and prices, Accuweigh Pty Ltd presented the highest overall assessment and demonstrated the best value for money.

REPORT

The Hazelmere Weighbridge Upgrade tender contract was awarded to Accuweigh Pty Ltd in November 2018 for the sum of \$380,635.00 in three (3) separate order components:

1. Supply and Install one (1) new weighbridge and relocate existing weighbridge (\$290,810.00);
2. Supply and Install transportable weighbridge office (\$79,635.00); and
3. Two (2) year Operations and Maintenance service (\$10,190.82).

The contract value of \$380,635.00 (ex GST) was below the CEO's authorised limit (\$400,000.00 ex GST) under delegation C5/2016 and therefore did not require Council approval.

A contingency allowance of \$15,000 was included in the Weighbridge Upgrade portion of the purchase order taking the total authorised value to \$395,635.00 (ex GST).

The Contractor commenced work under the Contract in November 2018. As a result of a required change to the weighbridge office design to meet the EMRC's Disability Access Inclusion Plan, the office length was increased to ensure it met the building code. A further risk assessment of the design by the EMRC resulted in the recommended addition of an emergency exit being added and extra windows for increased natural light and ventilation. These changes have resulted in two (2) variations being received from the Contractor as follows:

1. Civil engineering variation for weighbridge footings - \$9,700.00 (ex GST) due to additional concrete, formwork and labour as a result of allowing for the gradient of the carriageway for surface water drainage, compared to the contract price for a horizontal building platform.
2. Building modifications and additional mounting plinth - \$21,408.20 (ex GST).

The result of these variations is that the contract value will increase to \$411,744.02 (ex GST) which exceeds the authority limit of the CEO.

Therefore Council approval is required for this tender before the second contract variation can be approved. Council approval is also requested for the maintenance and calibration services for two (2) years at a value of \$10,190 (ex GST) and the supply of spare parts as per the attached schedule (Attachment).

A contingency allowance of 15% of the contract value or \$57,095.25 (ex GST) is requested to cover the existing contract variations (\$31,108.20 (ex GST)) and any other minor variations that may be required.



Item 11.5 continued

STRATEGIC IMPLICATIONS

Key Result Area 1 – Environmental Sustainability

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

FINANCIAL IMPLICATIONS

The cost of this tender is provided for in the adopted 2018/2019 Annual Budget and subsequent years.

SUSTAINABILITY IMPLICATIONS

Providing accurate and efficient operation of the Hazelmere Resource Recovery Park requires modern weighbridges and associated facilities to satisfy legal requirements for the receipt of waste materials and the despatch of products and byproducts.

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)

Spare Parts Price Schedule (Ref: D2019/02459)

VOTING REQUIREMENT

Simple Majority



Item 11.5 continued

RECOMMENDATION(S)

That:

1. Council endorses the award of Tender 2018-003 for Hazelmere Resource Recovery Park Weighbridge Upgrade to Accucorp Pty Ltd T/A Accuweigh Pty Ltd for the sum of \$370,445 (ex GST).
2. Council endorses the offer from Accucorp Pty Ltd T/A Accuweigh Pty Ltd to undertake weighbridge maintenance and calibration services for two (2) years for the sum of \$10,190 (ex GST).
3. Council endorses the supply of spare parts as per the Price Schedule attached to this report.
4. Council authorise a 15% contingency on the contract sum for contract variations for Tender 2018-003.

Mr Stewart-Dawkins entered the meeting at 4:19pm and extended his sincere apologies

TAC RECOMMENDATION(S)

MOVED MR STEWERT-DAWKINS SECONDED MR JACKSON

That:

1. Council endorses the award of Tender 2018-003 for Hazelmere Resource Recovery Park Weighbridge Upgrade to Accucorp Pty Ltd T/A Accuweigh Pty Ltd for the sum of \$370,445 (ex GST).
2. Council endorses the offer from Accucorp Pty Ltd T/A Accuweigh Pty Ltd to undertake weighbridge maintenance and calibration services for two (2) years for the sum of \$10,190 (ex GST).
3. Council endorses the supply of spare parts as per the Price Schedule attached to this report.
4. Council authorise a 15% contingency on the contract sum for contract variations for Tender 2018-003.

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 7 March 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	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 4:20pm.