

## CONTRACT NO. T03-2018/19

# **OPERATION OF CELL 4 AT KARWYDERSKRAAL LANDFILL**

TENDER ADJUDICATION REPORT (Technical Evaluation)

**COMPILED BY:** 



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## **SEPTEMBER 2018**

## **OPERATION OF CELL 4 AT KARWYDERSKRAAL LANDFILL**

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## **OPERATION OF CELL 4 AT KARWYDERSKRAAL LANDFILL**

## CONTRACT NO. T03-2018/19

## **TENDER ADJUDICATION REPORT** (Technical Evaluation)

# **EXECUTIVE SUMMARY**

Exec1 SHORT DESCRIPTION OF WORKS	:	The Contract comprises the operation of Cell 4 at the Karwyderskraal Landfill
Exec2 TENDER CLOSING DATE	:	17 September 2018
Exec3 TENDER VALIDITY PERIOD	:	90 days
Exec4 TENDERS REJECTED	:	Three
Exec5 TENDERS ACCEPTED/CONSIDERED	:	Тwo

DESCRIPTION	TENDER AMOUNT (R)					
	Enviroserv Waste Management (Pty) Ltd	Averda South Africa (Pty) Ltd	Sikhumbuze Aborist & General Services			
Tender Sum (excluding VAT)	39,052,550.91	38,772,107.99	No amount on Form of Offer			
PROCUREMENT PREFERENCE POINTS	99.42	94.00	20.00			
Responsiveness	Responsive	Responsive	Non-Responsive			
Eligibility	Eligible	Eligible	Not Eligible			

Exec.-8 RECOMMENDATION: It is recommended that CONTRACT NO. T03-2018/19 shall be awarded to:

Enviroserv Waste Management (Pty) Ltd

## **OPERATION OF CELL 4 OF KARWYDERSKRAAL LANDFILL**

## CONTRACT NO. T03-2018/19

## TENDER ADJUDICATION REPORT (Technical Evaluation)

## TENDER ANALYSES AND TENDER RECOMMENDATION

Herewith the Engineer's tender adjudication report in respect of the above contract for which tenders closed on 17 September 2018.

#### 1. INTRODUCTION

#### 1.1 SCOPE OF TENDER FOR CONTRACT NO. T03-2018/19

The tender comprises quotations for an Admeasurement Contract for the supply of all labour, plant and materials for the operation of Cell 4 of the Karwyderskraal Landfill and the composting of chipped garden waste for Overberg District Municipality.

#### 1.2 CONTRACT DURATION

The contract duration is the life of Cell 4 of the Karwyderskraal landfill which is currently estimated to be 96 months.

#### 1.3 CONTRACT PRICE ADJUSTMENT

The rates and prices stated in the Pricing Data shall be adjusted monthly by applying the Contract Price Adjustment Formula as specified under Sub-Clause 17 in the Contract Data. The base month will be taken as August 2018.

#### 1.4 ALTERNATIVE OFFERS

In accordance with clause F.2.12 of the Tender Data, alternative offers will be considered under specified conditions. No alternative offer has been received.

#### 1.5 CLARIFICATION MEETING

A clarification meeting was conducted on 29 August 2018 and in clause F.2.7 of the Tender Data it was stated that attendance of the clarification meeting was compulsory.

All the tenderers attended the Clarification Meeting. The minutes of the Clarification Meeting is attached.

#### 2. TENDERS RECEIVED

Tenders closed at 12:00 on Monday, 17 September 2018 at the Municipal Offices and three (3) tenders were received.

The tenders were checked for correctness by the Consultant in accordance with clause F.3.9, contained in Annex F of Board Notice 86 of 2010. As per clause F.3.9 the line total governs and the total of prices governs and if there are any mathematical errors then the tenderer must adjust his rates accordingly.

A complete list of the Tenders received is given in Table 2-1.

#### Table 2-1: Tenders Received

No	Full Name and Address of Tenderer	Total Tender Sum incl VAT				
			As Received			
1	Enviroserv Waste Management (Pty) Ltd	In Figures:	R 44,910,433.53			
	PO Box 3306 Tygerpark 7536	In Words:	Four four nine one zero four three three and five three cents			
2	Averda South Africa (Pty) Ltd	In Figures:	R 44,584,802.13			
	PO Box 2 Blackheath 7592	In Words:	Forty four million, five hundred and eighty four, eight hundred and two rand and thirteen cents			
3	Sikhumbuze Aborist & General Services	In Figures:	No amount filled in on Form of Offer			
	16689 Dimbaza Road Brown's Farm 7705	In Words:	No amount filled in on Form of Offer			

- Note 1: Messrs Sikhumbuze Aborist & General Services has not filled in an amount on the Form of Offer and thereby has not submitted an offer. Their tender is therefore non-responsive.
- Note 2: Messrs Averda South Africa filled the line totals in in the Bill of Quantities and then divided the line total by the quantity to arrive at a rate. Unfortunately the rate is rounded off to the cent which means that the product of the rate and the quantity is not equal to the line total. Should this tenderer be awarded the tender he must confirm the adjustment of his rates to meet the line totals because the line totals govern.

#### 3. **RESPONSIVENESS OF TENDERS**

The Tenders received were first tested for responsiveness in accordance with Clause F3.8 of the Condition of Tender contained in Annex F of Board Notice 86 of 2010.

#### F.3.8 Test for responsiveness

- **F.3.8.1** Determine, after opening and before detailed evaluation, whether each tender offer properly received:
  - a) Complies with the requirements of these Conditions of Tender,
  - b) has been properly and fully completed and signed, and
  - c) is responsive to the other requirements of the tender documents.
- **F.3.8.2** A responsive tender is one that conforms to all the terms, conditions, and specifications of the tender documents without material deviation or qualification. A material deviation or qualification is one which, in the Employer's opinion, would:
  - a) detrimentally affect the scope, quality, or performance of the works, services or supply identified in the Scope of Work,
  - b) significantly change the Employer's or the tenderer's risks and responsibilities under the contract, or
  - c) affect the competitive position of other tenderers presenting responsive tenders, if it were to be rectified.

#### **F.3.8.3** Tenders will be considered non-responsive if, inter alia:

- the tenderer did not sign and complete the Form of Offer part,
- the tenderer does not comply with the eligibility criteria listed above,
- the tender is not in compliance with the Scope of Work;
- The tenderer has failed to clarify or submit any supporting documentation within the time for submission stated in the employer's written request.
- The tenderer has failed to submit a valid original Tax Clearance Certificate; a valid original certificate may be requested; and
- The tenderer has failed to submit an original or original certified B-BBEE certificate, whereas points were claimed and a copy of certificated was supplied, a certified copy of the B-BBEE certificate may be requested.

Reject a non-responsive tender offer, and not allow it to be subsequently made responsive by correction or withdrawal of the non-conforming deviation or reservation.

Responsiveness of the Tenders received were checked and the following tender was found to be non-responsive:

Messrs Sikhumbuze Aborist & General Services

#### 4. ELIGIBILITY OF TENDERER

The Tenderers were checked for eligibility by the Consultant in accordance with clause F.2.1, contained in Annex F of Board Notice 136 of 2015.

The eligibility criteria were listed in the Tender Document as:

- 1) Registration as Service Provider on the Municipality's Supplier Database, and
- 2) A minimum score of 70% for Functionality.
- 3) Registered as Service Provider on the Central Supplier's Database

#### 4.1 DISCTRICT MUNICIPALITY'S SUPPLIERS DATABASE

Messrs Enviroserv Waste Management is registered on the Overberg District Municipality's Suppliers Database with registration number E00010.

Messrs Averda SA is not registered but has submitted the registration documents to the Municipality.

Messrs Sikhumbuze Aborist & General Services is not registered and has supplied no information whether or not they have submitted registration forms to the Municipality <u>and may therefore be not eligible to</u> <u>submit a tender.</u>

#### 4.2 PRE-QUALIFICATION

In accordance with clause F.2.1.2 the following Pre-Qualification Criteria are to be scored:

"Only those tenderers who obtain a **minimum total score of 70** for Pre-Qualification are eligible to have their tenders evaluated.

Functionality shall be scored independently by not less than three evaluators of which at least one must be a Supply Chain Management official of the Municipality in accordance with the schedules indicated in **Annexure A** to the Tender Requirements where after the scores of each of the evaluators will then be averaged, weighted and then totalled to obtain the final score for functionality.

Please Note: Tenderers who fail to supply the information requested in any of these schedules and in the specific format <u>with their tender offers by closing date of the tender</u>, <u>will not score any points</u> in the particular regard."

The Scoring for Pre-Qualification based on the criteria explained above with sub-minimums required for Organisation, Key Personnel and Tenderer's Track Record, was conducted independently by three adjudicators. The individual scores were averaged, weighted and totalled as follows in.

Quality criteria	Sub criteria	Maximum number of points						erv Waste ment LTD	Averda So (Pty)		Sikhumbuz & General	
Tenderer's	Company		Excellent (5)	Good (4)	Average (3)	<u>Poor (1)</u>						
Company	Structure	5	PTY or CC AND Employee Shareholding	Ptyor CC or Partnership	Sole Proprietor	No formal company structure	5	Staff Ownership	4	Pty	4	Pty
	No of Years	5	Excellent (5)	Good (4)	Average (3)	<u>Poor (1)</u>	5	>7yrs	5	> 7 yrs	5	> 7 yrs
	in Business	5	>= 7 yrs	>= 5 yrs	>= 3 yrs	< 3 yrs		~/yis		> r yis		> / yis
						Sub-Total	10		9		9	
Key Personnel	Landfill Manager:		Excellent (10)	<u>Good (8)</u>	Average (6)	<u>Poor (1)</u>						
	Highest Education	10	Honours, Masters or Doctorate degree	B Degree or Nat. Dipl.	Gr 12	< Gr 12	8	BSc	8	B Tech	0	No CV
	Landfill		Excellent (5)	Good (4)	Average (3)	Poor (1)						
	Manager: IWMSA	5	Membership of IWMSA for > 5 yrs	Membership of IWMSA for > 3 yrs	Membership of IWMSA for < 3 yrs	No Membership of IWMSA	3	<3yrs	5	> 5 yrs	0	No CV
	Landfill Manager: Experience	10	Excellent (10) >= 7 years relevant Landfill Management experience	Good (8) >= 5 years relevant Landfill management experience	Average (6) >= 3 years relevant Landfill management experience	Poor (3) < 3 years relevant Landfill management experience	10	>7yrs	10	> 7 yrs	0	No CV
	Landfill		Excellent (5)	Good (4)	Average (3)	Poor (1)						
	operator: Highest	5	Tertiary Qualification	Gr 12	Gr 10	< Gr 10	4	Gr 12	3	Gr 10	0	No CV
	Landfill		Excellent (10)	Good (8)	Average (6)	Poor (1)						
	Operator: Experience	10	>= 7 years relevant experience in Landfill Operation	>= 5 years relevant experience in Landfill operation	>= 3 year relevant experience in Landfill Operation	< 3 year relevant experience in Landfill Operation	10	>7yrs	8	> 5 yrs	0	No CV
	Chipping Operator: Experience	10	Excellent (10) >= 7 years relevant experience in Chipping Operation	Good (8) >= 5 years relevant	Average (6) >= 3 year relevant experience in Chipping Operation	Poor (1) < 3 year relevant experience in Chipping Operation	8	5 yrs	8	5 yrs	0	No CV
				-		Sub-Total	43		42		0	
Company's Experience	Technical Experience	25	Excellent (25)	Good (20) >= 5 years' experience in	Average (10) >= 3 years' experience in	Poor (5) < 3 years' experience in	25	> 7 yrs	25	> 7 yrs	5	< 3 yrs
			in Landfill Operation	Landfill Operation	Landfill Operation	Landfill Operation						
	Track Record	15	Excellent (15) References confirmed excellent track record related to Full Scope of the Works	Good (10) References confirmed Good track record related to Full Scope of the Works	Average (7) References confirmed average track record related to Full Scope of the Works	Poor (3) References confirmed poor track record related to Scope of the Works	10	References confirmed an overall ''Good'' rating	15	Referenc es confirmed an overall "Exellent" rating	0	No List
						Sub-Total	35		40		5	
Minimum Score =	70	Total					88		91		14	
Result							eligible		eligible		not eligible	

#### Table 4-2: Details of Functionality Scoring

#### The following Tenderer was found to be not eligible to submit a tender:

- Messrs Sikhumbuze Aborist & General Services
  - o Due to not obtaining the minimum score of 70% for Functionality

#### This tenderer should therefore not be considered any further.

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#### 4.3 REGISTERED ON THE CENTRAL SUPPLIER'S DATABASE

All three tenderers are registered on the Central Supplier's database.

The eligibility criteria as set out in the Tender Document have the result that both responsive tenders, i.e. Messrs Enviroserv Waste Management and Messrs Averda South Africa are eligible to submit a Tender.

Messrs Sikhumbuze Aborist & General Services has been found to be not eligible to submit a tender based on their inability to achieve the minimum scoring for Functionality and their tender has been found to be non-responsive in that they failed to complete the Form of Offer.

#### 5. EVALUATION OF TENDERS

#### 5.1 FINANCIAL SCORING

In accordance with clause F.3.11.7 the Financial offers of the responsive and eligible tenderers have been scored as shown in **Table 5-1**:

#### Table 5-1: Financial Scoring

	Enviroserv Waste Management LTD	Averda South Africa (Pty) Ltd
SECTION A : PRELIMINARY AND GENERAL	19,310,218.56	21,504,000.00
SECTION B: DISPOSAL OF GENERAL WASTE	6,505,138.00	7,206,756.80
SECTION C: COMPOSTING OF GARDEN WASTE	3,021,750.00	-
SECTION D: WASTE CHARACTERISATION	465,306.08	376,921.60
SECTION E: PRIME COST ITEMS	600,000.00	600,000.00
SUM OF SECTIONS	29,902,412.64	29,687,678.40
Provision for Escalation (30.6%)	9,150,138.27	9,084,429.59
Net Tender Sum	39,052,550.91	38,772,107.99
VAT (15%)	5,857,882.64	5,815,816.20
Grand Total	44,910,433.54	44,587,924.19
Relative to lowest Tender	0.7%	0.0%
Financial Points	79.42	80.00

#### 5.2 PREFERENCE SCORING

Points allocated for the adjudication of the tender according to the prescribed Procurement Policy of Overberg District Municipality as set out in MBD 6.1 for Preference is summarized in **Table 5.2**.

#### Table 5-2: Preference Scoring

TENDERER	Enviroserv Waste Management LTD	Averda South Africa (Pty) Ltd	
BBBEE Level Contributor	1	3	
Preferential Points	20	14	

#### 5.3 TOTAL SCORING

The total procurement points allocated to each Tenderer is indicated in **Table 5-2**.

TENDERER	Enviroserv Waste Management LTD	Averda South Africa (Pty) Ltd					
Price Points	79.42	80.00					
Preferential Points	20	14					
Total Points (80/20)	99.42	94.00					

#### <u>Messrs Enviroserv Waste Management (Pty) Ltd has been found to have to highest procurement</u> score made up of Price and Preference even though they do not have the lowest Tender price.

#### 6. ALTERATIONS AND ALTERNATIVES

#### 6.1 ALTERATIONS AND QUALIFICATIONS

None.

#### 6.2 ALTERNATIVE OFFERS

No alternative offers were received.

#### 7. EVALUATION REPORT ON THE HIGHEST SCORING TENDER

#### 7.1 FINANCIAL RISK

In order to determine the financial risk the Tenderer represent in terms of their ability to manage the Contract Price, their bankers are requested to provide a financial code that represents the bank's perception, based on recent financial management, of the Tenderer's ability to manage the Contract Price over the duration of the Contract. According to the enquiries made by the Consultant the following financial code was given to the highest scoring Tenderer:

#### Enviroserv - "C" (Good for the amount if strictly in the way of business)

#### Averda - "B" (Good for the amount)

The purpose of obtaining the financial codes as listed above is to determine the financial risk the municipality would be exposed to in the event of the Contractor not exercising proper financial management. Generally a code of "E" or worse would indicate a financial risk to the Municipality.

The bank codes have the following interpretation:

- "H" would indicate that a person frequently has cheques returned due to lack of funds,
- "G" would indicate that a person occasionally has cheques returned due to lack of funds,
- "F" would indicate an unknown financial account, maybe due to it being a new account or savings account,
- "E" would indicate that the amount is too big,
- "D" would be considered a fair trade risk,
- "C" would indicate good for the amount if strictly in business and
- "B" would indicate good for the amount.

#### 7.2 PREVIOUS EXPERIENCE

Only the experience of the responsive AND eligible tenderers will be evaluated below.

#### 7.2.1 Enviroserv Waste Management

The consultant is familiar with this tenderer. The tenderer is active in the waste industry and should be able to complete the scope of works successfully according to their work experience. <u>The tenderer was the previous contractor for the operation of Cell 2 with the same Scope of Works for Overberg District Municipality</u>.

#### 7.2.2 Averda South Africa

The consultant is familiar with this tenderer. The tenderer is active in the waste industry and should be able to complete the scope of works successfully according to their work experience. The tenderer is the contractor of the current contract for the operation of Cell 3 with the same Scope of Works for Overstrand Municipality.

#### 7.3 OTHER COMMITMENTS

The Tenderers' commitments on other Contracts must be taken into consideration before awarding the contract

#### 7.3.1 Enviroserv Waste Management

The Tenderer should be able to undertake the Contract in conjunction with his present workload according to the schedules of current contracts and equipment included in the tender document. This tenderer is however also the recommended tenderer for the operation of the Gansbaai landfill, but has in the past operated both landfills simultaneously.

#### 7.3.2 Averda South Africa

The Tenderer should be able to undertake the Contract in conjunction with his present workload according to the schedules of current contracts and equipment included in the tender document. This tenderer is currently rendering the specified services for Cell 3 to the Overstrand Municipality.

#### 8. SUMMARY

#### 8.1 ENVIROSERV WASTE MANAGEMENT

Enviroserv Waste Management is the second lowest <u>eligible and responsive</u> tenderer, being only 0.7% higher than Averda South Africa and has achieved highest points with allocation of points to tender price and preference. This tenderer has satisfied the minimum requirement with regards to functionality and should be able to complete the scope of works successfully. This tenderer does not pose an obvious financial risk according to their "C" bank rating.

#### 9. TENDER RECOMMENDATION

With the foregoing tender analyses as premise, the Consultant recommends as follows:

#### Contract No. T03-2018/19 should be awarded to:

Enviroserv Waste Management (Pty) Ltd P O BOX 3306 Tygerpark 7536

Although the tender amount was used for tender evaluating purposes, the tender should, due to a long contract duration that is linked to the available airspace of Cell 4 of Karwyderskraal landfill, be awarded on the tender tariffs and not on the tender sum.

The Tender validity expires on 17 December 2018.

Based on the current estimation of waste volumes and airspace consumption, the following financial implications are anticipated.

	Enviroserv Waste Management Pty Ltd
SECTION A : PRELIMINARY AND GENERAL	19,310,218.56
SECTION B: DISPOSAL OF GENERAL WASTE	6,505,138.00
SECTION C: COMPOSTING OF GARDEN WASTE	3,021,750.00
SECTION D: WASTE CHARACTERISATION	465,306.08
SECTION E: PRIME COST ITEMS	600,000.00
SUM OF SECTIONS	29,902,412.64
Provision for Escalation (30.6%)	9,150,138.27
Net Tender Sum	39,052,550.91
VAT (15%)	5,857,882.64
Grand Total	44,910,433.54

The above tender award will result in the following estimated budget requirements for the applicable financial years:

Financial Year	Value of Work Done plus Escalation	15% VAT	Total	
2018 -2019	1,389,242.96	208,386.44	1,597,629.40	
2019 -2020	3,890,066.88	583,510.03	4,473,576.92	
2020 -2021	4,141,861.55	621,279.23	4,763,140.78	
2021 -2022	4,411,273.47	661,691.02	5,072,964.49	
2022 -2023	4,699,587.55	704,938.13	5,404,525.68	
2023 -2024	5,027,738.15	754,160.72	5,781,898.87	
2024 -2025	5,342,291.79	801,343.77	6,143,635.56	
2025 -2026	5,704,416.57	855,662.49	6,560,079.06	
2026 -2027	4,446,071.99	666,910.80	5,112,982.79	
Total	39,052,550.91	5,857,882.64	44,910,433.55	

Please do not hesitate to call us should you have any questions in this regard.

THIS REPORT COMPILED FOR OVERBERG DISTRICT MUNICIPALITY BY:

Jan Palm Pr Eng

JPCE (Pty)	Ltd	Special	ist Consul	ting Engineers	S Page 1	
JPCE PROJECT MANAGEM					Ref.: A254	
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