



NEWCASTLE MUNICIPALITY

BUDGET AND TREASURY OFFICE

EXPRESSION NO.: A061 – 2022/23

EXPRESSION OF INTEREST FOR DETERMINING THE BEST FINANCING MODEL IN SOURCING OF MUNICIPAL VEHICLE FLEET FOR A PERIOD OF 36 MONTHS

SUBMISSION OF PROPOSAL DOCUMENT DEADLINE

Date: 31 May 2023

Time: 12h00

Venue: Municipal Civic Centre Offices (Rates Hall),
37 Murchison Street,
Tower Block Building -1st Floor,
Newcastle, 2940

Name of Company	
CSD Master Registration No	
Physical Address	
Contact Person(s)	
Phone Number(s)	
E-Mail Address	

Sealed proposals document must be deposited in the Tender Box provided at the Municipal Civic Centre (Rates hall), 37 Murchison Street, Newcastle by no later than **12h00** on **31 May 2023** where proposals will be opened in public. Please be advised that the name, address and contact details should be written at the back of the envelope.

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PART A – ADMINISTRATIVE REQUIREMENTS IN TERMS OF THE SUPPLY CHAIN MANAGEMENT POLICY

1. CHECKLIST

PLEASE ENSURE THAT THE FOLLOWING FORMS HAVE BEEN DULY COMPLETED AND SIGNED AND THAT ALL DOCUMENTS AS REQUESTED, ARE ATTACHED TO THE BID DOCUMENT:

Description	Yes/No		
	Yes		No
Authority to Sign a Bid Is the form duly completed and is a certified copy of the resolution attached?	Yes		No
Invitation to Bid Is the form duly completed and signed?	Yes		No
Declaration of Interest Is the form duly completed and signed?	Yes		No
Declaration of Past Supply Chain Practices Is the form duly completed and signed?	Yes		No
Certificate of Independent Bid Determination Is the form duly completed and signed?	Yes		No
Certificate of Payment of Municipal Accounts Is a certified copy of the latest (i.e. not older than three months) Municipal Account Statement attached?	Yes		No
Experience of Bidder Is the form duly completed with relevant experience detailed and signed?	Yes		No
Central Supplier Database Is proof of registration attached?	Yes		No
ALL sites visited to take measurements. Is the attendance register completed and signed?	Yes		No

Name of Bidder			
Signature		Name (print)	
Capacity		Date	



2. EXPRESSION NOTICE & INVITATION TO EXPRESSION

BID NO: A061 – 2022/23

EXPRESSION OF INTEREST FOR THE DETERMINING THE BEST POSSIBLE FINANCIAL ARRANGEMENT IN FINANCING OF MUNICIPAL VEHICLE FLEET

In terms of section 110 of the municipal finance management act, 2003 (no. 56 of 2003), tenders are hereby invited by Newcastle Municipality for expression of interest for the determining the best possible financial arrangement in financing of municipal vehicle fleet.

Bid documents are obtainable from **28 April 2023**, at the office of the Strategic Executive Director: Budget and Treasury Office, Municipal Civic Centre Tower Block – Office B218 2nd Floor, 37 Murchison Street, Newcastle, 2940 during office hours between 08h00 to 15h00 upon a payment of a **non-refundable document fee of R 300.00. Alternatively the document may be downloaded free of charge from the National Treasury website (www.etenders.gov.za).**

Banking Details - Banking Details - The Newcastle Municipality, Nedbank - Account No: 1162 6600 66, Br Code: 133 724 (the proof of payment must reflect the expression number and service provider's name as reference).

Procurement enquiries: Mr S Vilakazi

Telephone no.: 034 328 7818

Technical enquiries: Mr. M. Ndlovu

Telephone no.: 034 328 7655

Technical enquiries: Mr. B. Mdladla

Telephone no.: 034 328 7821

Multiple service providers would be appointed to a panel agreement, therefore below indicated preferential scoring system will only be apply when sourcing quotations from the service providers that scored the minimum qualifying functionality and above, and thereon the acceptable/successful bidder will be required to execute the contract.

Quotations will be adjudicated in terms of the Preferential Procurement Regulations, 2022 pertaining to Preferential Procurement Policy Framework Act, 5/2000 and other applicable legislations and will be based on 80/20 points scoring system. Preference points will be awarded to service providers based on Reconstruction and Development Programme - Government Gazette: 16085 (1994) initiatives.

The bid will be valid for a period of one hundred and twenty (120) days from bid closing date. The Council reserves the right to accept all, some, or none of the bids submitted, either wholly or in part and it is not obliged to accept the lowest bid.

Completed bid documents complying with the conditions of expression should be submitted on the sealed envelope and endorsed "**Bid no: A061 – 2022/23 Expression of Interest for the Determining the Best Possible Financial Arrangement in Financing of Municipal Vehicle Fleet**" bearing the name and address of the service provider's envelope (at the back of the envelope), to be deposited in the official expression box provided in the foyer of Newcastle Municipality – Municipal Civic Offices (Rates Hall), 37 Murchison Street, 1st floor, Newcastle by no later than **12:00 on Wednesday, 31 May 2023** where expressions will be opened in public. Late quotations or tenders received by way of facsimile or e-Mail will under no circumstances be considered.

Functional Evaluation

Only expressions that comply with all administrative requirements (Acceptable Expressions) will be considered during the functionality evaluation phase and the allocation of points will be based on functional criteria as indicated in the Terms of Reference.

Minimum functional requirement score: Potential Service Providers that submitted acceptable expressions and that score at least **70%** on functionality will be eligible to conclude a contract with the Council after relevant negotiations.

Only prospective suppliers who are registered on the National Treasury Supplier database are legible to expression. To register on the CSD log onto www.csd.gov.za

**Mr. Z. Mcineka
Municipal Manager
Newcastle Municipality
Municipal Civic Centre
37 Hardwick Street
Private Bag X6621
Newcastle
2940**

3. AUTHORITY OF SIGNATORY

Indicate the status of the Service provider by ticking the appropriate box hereunder. The Service provider must complete the certificate set out below for the relevant category.

A COMPANY	B PARTNERSHIP	C JOINT VENTURE	D SOLE PROPRIETOR	E CLOSE CORPORATION

A. Certificate for Company

I,, chairperson of the board of, hereby confirm that by resolution of the board (copy attached) taken on 20..... , Mr/Ms.....acting in the capacity of, was authorised to sign all documents in connection with this expression of interest (A061 of 2022/23) and any contract resulting from it on behalf of the company.

As witnesses:

1. Chairman:
2. Date:

B. Certificate for Partnership

We, the undersigned, being the key partners in the business trading as, hereby authorise Mr/Ms, acting in the capacity of, to sign all documents in connection with this expression of interest (A061 of 2022/23) and any contract resulting from it on our behalf.

Name	Address	Signature	Date

Note: This certificate is to be completed and signed by all key partners upon whom rests the direction of the affairs of the Partnership as a whole.

C. Certificate for Joint Venture

We, the undersigned, are submitting this tender offer in Joint Venture and hereby authorise Mr/Ms , authorised signatory of the company , acting in the capacity of lead partner, to sign all documents in connection with this expression of interest (A061 of 2022/23) and any contract resulting from it on our behalf. This authorisation is evidenced by the attached power of attorney signed by legally authorised signatories of all the partners to the Joint Venture.

Name of Firm	Address	Authorising Name and Capacity	Authorising Signature
Lead Partner:			

NOTE: A copy of the Joint Venture Agreement indicating clearly the percentage contribution of each partner to the Joint Venture, is to be submitted with the expression. A board resolution, authorising each signatory who signed above to do so, is to be submitted with the expression.

D. Certificate for Sole Proprietor

I, , hereby confirm that I am the sole owner of the business trading as

As witnesses:

- 1. Sole Owner:
- 2. Date:

E. Certificate for Close Corporation

We, the undersigned, being the key members in the business trading as , hereby authorise Mr/Ms acting in the capacity of , to sign all to sign all documents in connection with this expression of interest (A061 of 2022/23) and any contract resulting from it on our behalf.

Name	Address	Signature	Date

Note: This certificate is to be completed and signed by all key partners upon whom rests the direction of the affairs of the Partnership as a whole.

4. AUDITED FINANCIAL STATEMENTS

Please attach onto this page latest audited financial statements

It would be advantageous if the interested parties may submit a letter/declaration from his/her bank worded in the name of the company, providing the account holder bank rating details and signed by an appropriate Bank Official (attached onto this page as well).

Name of Service provider			
Signature		Name (print)	
Capacity		Date	

5. PROOF OF GOOD STANDING WITH MUNICIPAL ACCOUNTS

MUST BE COMPLETED FOR THIS EXPRESSION

Declaration in terms of paragraph 38(1)(d)(i) of the Supply Chain Management Regulation, irrespective of the contract value of the expression:

NB: Please note that this declaration must be completed by ALL service providers

- i. I, the undersigned hereby declare that the signatory to this tender document; is duly authorised and further declare:
- ii. I acknowledges that according to SCM Regulation 38(1)(d)(i), the Municipality may reject the tender of the tenderer if any municipal rates and taxes or municipal service charges owed by the Tenderer or any of its directors/members/partners to Newcastle Municipality, or to any other municipality or municipal entity, are in arrears for more than 3 (three) months.
- iii. I acknowledge that should it be found that any municipal rates and taxes or municipal charges as set out in (ii) above are in arrears for more than three (3) months, the expression will be rejected and the Newcastle Municipality may take such remedial action as is required, including the rejection of the expression and/or termination of the contract; and
- iv. The following account/s of the service provider entity has reference:

Physical Business Address(es) of the Tenderer	Municipality	Municipal Account Number

NB: If insufficient space above, please submit on a separate page

PLEASE NOTE further that if no municipal rates and taxes or municipal charges are payable by the potential entity, indicate the reason/s for that in the space below by means of a tick next in the relevant block,

Reason	Tick	Portfolio of evidence
Potential entities who rent premises from a landlord		Signed copy of the lease agreement together with a municipal rate statement for the landlord stating that no levies are in arrears.
Potential entities who operate from a property owned by a director / member / partner		Municipal account statement/s of a director / member / partner
Potential entities who operate from farms / informal settlements		A letter from their Induna/owner.

Attach latest municipal account statement behind this page. The portfolio of evidence must not be older than three months from the close of this tender.

SIGNED AT.....THIS.....DAY OF..... 20.....

Name of Duly Authorised Signatory: (Please print).....

Authorised Signature:

As witness: 1.

 2.

6. CENTRAL SUPPLIER DATABASE REGISTRATION

No awards will be made to a tenderer who is not registered on the Central Supplier Database (CSD).

The establishment of a Central Supplier Database (CSD) will result in one single database to serve as the source of all supplier information for all spheres of government. The purpose of centralising government's supplier database is to reduce duplication of effort and cost for both supplier and government while enabling electronic procurement processes.

Registration on the Central Supplier Database must be done online via the website:

<https://secure.csd.gov.za/>

Name of Service provider			
Signature		Name (print)	
Capacity		Date	

7. PROOF OF REGISTRATION WITH THE BODY OF PROFESSIONALS

Please attach the certificate onto this page – Proof of Registration with the Body of Professionals

Name of Service provider			
Signature		Name (print)	
Capacity		Date	

8. DECLARATION OF INTEREST

1. No expression will be accepted from persons in the service of the state¹.
2. Any person, having a kinship with persons in the service of the state, including a blood relationship, may make an offer or offers in terms of this invitation to expression. In view of possible allegations of favouritism, should the resulting expression, or part thereof, be awarded to persons connected with or related to persons in service of the state, it is required that the service provider or their authorised representative declare their position in relation to the evaluating/adjudicating authority.
3. In order to give effect to the above, the following questionnaire must be completed and submitted with the expression.

3.1	Full Name of service provider/ Representative	
3.2	Identity Number	
3.3	Position occupied in the Company (director, trustee, shareholder²)	
3.4	Company Registration Number	
3.5	Tax Reference Number	
3.6	Tax Reference Number	

3.7. The names of all directors / trustees / shareholders members, their individual identity numbers and state employee numbers must be indicated in paragraph 4 below.

3.8	Are you presently in the service of the state*?	Yes	No
3.8.1	If yes, furnish particulars.		

¹MSCM Regulations: "in the service of the state" means to be –

- (a) a member of –
 - (i) any municipal council;
 - (ii) any provincial legislature; or
 - (iii) the national Assembly or the national Council of provinces;
- (b) a member of the board of directors of any municipal entity;
- (c) an official of any municipality or municipal entity;
- (d) an employee of any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999);
- (e) a member of the accounting authority of any national or provincial public entity; or
- (f) an employee of Parliament or a provincial legislature.

²"Shareholder"³ means a person who owns shares in the company and is actively involved in the management of the company or business and exercises control over the company.

3.9	Have you been in the service of the state for the past twelve months	Yes	No
3.9.1	If yes, furnish particulars.		
3.10	Do you, have any relationship (family, friend, other) with persons in the service of the state and who may be involved with the evaluation and or adjudication of this expression?	Yes	No
3.10.1	If yes, furnish particulars.		
3.11	Are you, aware of any relationship (family, friend, other) between a service provider and any persons in the service of the state who may be involved with the evaluation and or adjudication of this expression?	Yes	No
3.11.1	If yes, furnish particulars.		
3.12	Are any of the company's directors, managers, principal shareholders or stakeholders in service of the state?	Yes	No
3.12.1	If yes, furnish particulars.		
3.13	Are any spouse, child or parent of the company's directors, managers, principal shareholders or stakeholders in service of the state?	Yes	No
3.13.1	If yes, furnish particulars.		
3.14	Do you or any of the directors, trustees, managers, principal shareholders or stakeholders of this company have any interest in any other related companies or business whether or not they are expressing for this contract.	Yes	No
3.14.1	If yes, furnish particulars.		

4. Full details of directors / trustees / members / shareholders.

Full Name	Identity Number	State Employee Number

Name of Service provider			
Signature		Name (print)	
Capacity		Date	

9. DECLARATION OF SERVICE PROVIDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

1. This Municipal Document must form part of all expressions invited.
2. It serves as a declaration to be used by municipalities and municipal entities in ensuring that when goods and services are being procured, all reasonable steps are to combat the abuse of the supply chain management system.
3. **The expression of any service provider may be rejected if the service provider, or any of its directors have:**
 - a) Abused the Municipality's Supply Chain Management System or committed any improper conduct in relation to such system:
 - b) Been convicted for fraud or corruption during the past five years:
 - c) Wilfully neglected, reneged or failed to comply with any government, municipal or public sector contract during the past five years; or
 - d) Been listed in the Register for Expression Defaulters in terms of section 29 of the Prevention and Combating of Corruption Activities Act (No 12 of 2004).
4. **In order to give effect to the above, the following questionnaire must be completed and submitted with the expression.**

ITEM	QUESTION	YES	NO
4.1	<p>Is the service provider or any of its directors listed on the National Treasury's database as a company or person prohibited from doing business with the public sector?</p> <p>(Companies or persons who are listed on this database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the audit alteram partem rule was applied).</p> <p>The database of Restricted Suppliers now resides on the National Treasury`s website (www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the home page.</p>	<p>Yes</p> <input type="checkbox"/>	<p>No</p> <input type="checkbox"/>
4.1.1	If so, furnish particulars:		
4.2	<p>Is the service provider or any of its directors listed on the Register for Expression Defaulters in terms of section 29 of the Prevention and Combating of Corruption Activities Act (No 12 of 2004)?</p> <p>(The Register for Expression Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.</p>	<p>Yes</p> <input type="checkbox"/>	<p>No</p> <input type="checkbox"/>

4.2.1	If so, furnish particulars:		
ITEM	QUESTION	YES	NO
4.3	Was the service provider or any of its directors convicted by a court of law (including a court of law outside the Republic of South Africa) for fraud or corruption during the past five years?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.3.1	If so, furnish particulars:		
4.4	Does the service provider or any of its directors owe any municipal rates and taxes or municipal charges to the municipality/municipal entity, or any other municipality/municipal entity, that is in arrears for more than three months?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.4.1	If so, furnish particulars:		
4.5	Was any contract between the service provider and the municipality/municipal entity or any other organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.5.1	If so, furnish particulars:		

CERTIFICATION

I, THE UNDERSIGNED (FULL NAME) _____

CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM TO BE TRUE AND CORRECT.

I ACCEPT THAT, IN ADDITION TO CANCELLATION OF A CONTRACT, ACTION MAY BE TAKEN AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

Name of Service provider			
Signature		Name (print)	
Capacity		Date	

10. CERTIFICATE OF INDEPENDENT EXPRESSION DETERMINATION

1. This Municipal Document must form part of all expressions¹ invited.
2. Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or expression rigging).² Collusive bidding is a *per se* prohibition meaning that it cannot be justified under any grounds.
3. Municipal Supply Regulation 38 (1) prescribes that a supply chain management policy must provide measures for the combating of abuse of the supply chain management system, and must enable the accounting officer, among others, to:
 - a. take all reasonable steps to prevent such abuse;
 - b. reject the expression of any service provider if that service provider or any of its directors has abused the supply chain management system of the municipality or municipal entity or has committed any improper conduct in relation to such system; and
 - c. cancel a contract awarded to a person if the person committed any corrupt or fraudulent act during the process or the execution of the contract.
4. This MBD serves as a certificate of declaration that would be used by institutions to ensure that, when expressions are considered, reasonable steps are taken to prevent any form of expression-rigging.
5. In order to give effect to the above, the attached Certificate of Expression Determination (MBD 9) must be completed and submitted with the expression:

¹ **Includes price quotations, advertised competitive expressions, limited expressions and proposals.**

² **Expression rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a expressioning process. Expression rigging is, therefore, an agreement between competitors not to compete.**

CERTIFICATE OF INDEPENDENT EXPRESSION DETERMINATION

I, the undersigned, in submitting the accompanying expression:

(Expression Number and Description)

in response to the invitation for the expression made by:

(Name of Municipality / Municipal Entity)

do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of: _____ that:

(Name of Service provider)

1. I have read and I understand the contents of this Certificate;
2. I understand that the accompanying expression will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the service provider to sign this Certificate, and to submit the accompanying expression, on behalf of the service provider;
4. Each person whose signature appears on the accompanying expression has been authorized by the service provider to determine the terms of, and to sign, the expression, on behalf of the service provider;
5. For the purposes of this Certificate and the accompanying expression, I understand that the word "competitor" shall include any individual or organization, other than the service provider, whether or not affiliated with the service provider, who:
 - a. has been requested to submit a expression in response to this expression invitation;
 - b. could potentially submit a expression in response to this expression invitation, based on their qualifications, abilities or experience; and
 - c. provides the same goods and services as the service provider and/or is in the same line of business as the service provider
6. The service provider has arrived at the accompanying expression independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium³ will not be construed as collusive expressioending.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - a) prices;
 - b) geographical area where product or service will be rendered (market allocation)

- c) methods, factors or formulas used to calculate prices;
 - d) the intention or decision to submit or not to submit, a expression;
 - e) the submission of a expression which does not meet the specifications and conditions of the expression; or
 - f) expressiending with the intention not to win the expression.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this expression invitation relates.
9. The terms of the accompanying expression have not been, and will not be, disclosed by the service provider, directly or indirectly, to any competitor, prior to the date and time of the official expression opening or of the awarding of the contract.
- 10.** I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to expressions and contracts, expressions that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

Name of Service provider			
Signature		Name (print)	
Capacity		Date	

³ **Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.**

11. Declaration by the Service Provider

1. I/We hereby express an interest to supply all or any of the supplies and/or to render all or any of the services described in the attached documents to the Newcastle Municipality on the terms and conditions and be in accordance with the specifications stipulated in the expression documents (and which shall be taken as part of and be incorporated into this expression) at the prices and on the terms regarding time for delivery and/or execution inserted therein.
2. I/we agree that:
 - (a) the offer herein shall remain binding upon me and open for acceptance by the Newcastle Municipality during the validity period indicated and calculated from the closing time of the expression;
 - (b) this EOI and its acceptance shall be subject to Supply Chain Management Regulations, the Municipal Finance Management Act, No 56 of 2003, the Newcastle Municipality Supply Chain Management Policy and the General and Special Conditions of Contract, with which I/we am fully acquainted;
 - (c) if I/we withdraw my expression of interest within the period for which I/we have agreed that the expression shall remain open for acceptance, or fail to fulfill the contract when called upon to do so, the Municipality may, without prejudice to its other rights, agree to the withdrawal of my expression or cancel the contract that may have been entered into between the Municipality and myself. I/we will then pay to the Municipality any additional expenses incurred by the Municipality having either to accept any less favorable expression or, if fresh expressions have to be invited, the additional expenditure incurred by the invitation of fresh expressions and by the subsequent acceptance of any less favorable expression. The Municipality shall have the right to recover such additional expenditure by set-off against monies which may be due to me under this or any other expression or contract or against any guarantee or deposit that may have been furnished by me or on my behalf for the due fulfillment of this or any other expression or contract and pending the ascertainment of the amount of such additional expenditure to retain such monies, guarantee or deposit as security for any loss the Municipality may sustain by reason of my default;
 - (d) If my proposal is accepted, the acceptance may be communicated to me by registered post, and that the South African Post Office Limited shall be treated as delivery agent to me;
 - (e) the law of the Republic of South Africa shall govern the contract created by the

acceptance of my expression and I choose domicilium citandi et executandi in the Republic at (full physical address):

.....
.....

3. I/we furthermore confirm that I/we have satisfied myself/ourselves as to the correctness and validity of the EOI: that the price(s), rate(s) and preference quoted cover all of the work/item(s) and my obligations under a resulting contract, and I accept that any mistakes regarding the price(s) and calculations will be at my risk.

4. I/we hereby accept full responsibility for the proper execution and fulfillment of all obligations and conditions devolving on me under this agreement, as the Principal(s) liable for the due fulfillment of this contract.

5. I/we agree that any action arising from this contract may in all respects be instituted against me and I/we hereby undertake to satisfy fully any sentence or judgment which may be pronounced against me as a result of such action.

6. Are you duly authorized to sign the proposal?* YES NO

7. I/we confirm that I/we have declared all and any interest that I or any persons related to my business has with regard to this expression or any related expressions by completion of the Declaration of Interest Section.

8. Has the Declaration of Interest been duly completed and included with the expression forms?*

YES NO

* Delete whichever is not applicable

12. CERTIFICATION OF CORRECTNESS OF INFORMATION SUPPLIED IN THIS DOCUMENT

I/we, the undersigned, who warrant that I am duly authorized to do so on behalf of the service provider, certify that the information supplied in terms of this document is correct and true, that the signatory to this document is duly authorized and acknowledge that:

- (1) The service provider will furnish documentary proof regarding any expression issue to the satisfaction of the Municipality, if requested to do so.
- (2) If the information supplied is found to be incorrect and/or false then the Municipality, in addition to any remedies it may have, may:-
 - a) Recover from the contractor all costs, losses or damages incurred or sustained by the Municipality as a result of the award of the contract, and/or
 - b) Cancel the contract and claim any damages which the Municipality may suffer by having to make less favorable arrangements after such cancellation.

SERVICE PROVIDER`S NAME : _____

SERVICE PROVIDER`S REPRESENTATIVE : _____

SIGNATURE : _____

DATE : _____

WITNESSES

1. Name : _____

Signature : _____

Date : _____

2. Name : _____

Signature : _____

Date : _____

13. AUTHORITY TO SIGN THE PROPOSAL

SIGNED ON THIS..... DAY OF..... 20.....

AT.....

**SIGNATURE OF SERVICE PROVIDER OR DULY NAME OR AUTHORIZED REPRESENTATIVE
(IN BLOCK LETTERS)**

ON BEHALF OF (SERVICE PROVIDER'S NAME).....

CAPACITY OF SIGNATORY.....

NAME OF CONTACT PERSON (IN BLOCK LETTERS, PLEASE)

.....

POSTAL ADDRESS

.....

TELEPHONE NUMBER

FAX NUMBER

CELLULAR PHONE NUMBER

E-MAIL ADDRESS



PART B – TERMS OF REFERENCE

EXPRESSION OF INTEREST IN DETERMINING THE BEST FINANCING MODEL IN MUNICIPAL VEHICLE FLEET FOR A PERIOD OF 36 MONTHS

14. TERMS OF REFERENCES FOR EXPRESSION OF INTEREST ON FINANCING OF MUNICIPAL FLEET

1. Expression of Interest – Summary Brief

The interested and suitably qualified parties are hereby invited to express an interest to explore financing arrangements or solutions covering all relevant technical, financial and developmental aspects in sourcing of Municipal Vehicle Fleet, in the following categories (but not limited):

- Earth Moving Plants – Graders, Rollers, TLB`s, Tipper trucks, etc.
- Commercial Vehicles – vans (single/double caps), delivery trucks,
- Customise Vehicle – Refuse compactors, cherry picker trucks, staff transport trucks with equipment, firefighting trucks, etc.
- Passenger vehicles – Kombi`s, sedans, Sport Utility Vehicles, Buses, etc.

In addition to the above, we have managed to compile a vehicle technical specification on plants that are being used in providing a minimum basic municipal service and this may assist potential service providers when developing their technical response on the proposed funding arrangement suitable for the municipality (please refer to Annexure A on page 36 for details).

2. PURPOSE

The municipality intends to obtain information on viable financing arrangements in sourcing of vehicles, the options may differ from lease to own or to operational lease or to outright purchase or to higher purchase or other innovative ways of financing. The interest service providers should demonstrate they possess intensive knowledge about the vehicle financing market and proof of rendering such service should be disclosed, that is either in private or in public sector.

3. TERMS OF REFERENCE

3.1. Introduction and Background

The table below is an extract from municipal asset register which reflects the following movable assets which are owned and controlled the municipality, the list is as follows:

Table on Moveable Assets

Vehicles	Quantity	Total Sum
Bakkie	88	R 14 276 927.10
Bakkie- Nissan NP 200	4	R 403 862.30
Bakkie- Nissan NP 300 canopy 2 service	1	R 135 771.00
Nissan NP 200 1.68 (With aircon, white)	2	R 248 245.62

Bakkie- Nissan	1	R 142 907.00
Bakkie- Nissan (with canopy and towbar)	1	R 126 754.00
Bakkie- Nissan (Tipper 7 ton and A520)	2	R 163 844.00
Bakkie- Nissan 2000 LDV 1 ton	4	R 131 638.80
Bakkie- Nissan hardbody NP 300	3	R 408 518.51
83 Nav 01485 Nissan	1	R 393 310.00
Bakkie-GMC Rescue	1	R 5 000.00
Bakkie Firefighter Unit	1	R 270 428.00
Bakkie Ford Ranger	8	R 2 333 172.28
Ford Ranger 3.2D 4x4 Nudge Bar	1	R 349 907.89
Bakkie Opel (and Corsa LDV)	2	R 396 533.00
Bakkie Mazda BT 50 pick-up	1	R 350 264.04
Truck	31	R 12 847 749.27
Electricity Truck	1	R 3 560.00
Truck with cherry picker	4	R 2 117 130.11
Fire Engine Truck	2	R 1 421 781.00
Fire Engine	5	R 3 019 529.59
Tractor	26	R 4 291 509.19
Combi	2	R 406 985.79
LDV- Toyota	2	R 48 630.00
2014 tv S 2.2D AMB MV 33L (92Kw with Canopy and towbar)	1	R 222 535.09
2014 tv S 2.2D AMB MV 33L	1	R 304 298.25
Ford- tv S 2.2D AMB MV 33L	1	R 304 298.25
Cwe370 With water tanker	1	R 1 432 681.50
Motor vehicle- hatch	2	R 598 412.00
Refuse Removal Truck	20	R 21 711 056.00
Refuse Compact Truck	1	R 2 208 379.83
Fire engine- GMC High Sierra	1	R 5 000.00
LDV 1623 6000L Vacuum Sewerage Tanker	2	R 1 467 146.68
Fire Engine- Mercedes Benz 2632	1	R 6 240.00
Grader	3	R 1 764 490.00
Backhoe 580H	1	R 109 375.00
TLB	2	R 4 270 771.93
Isuzu Platform Hoist 3-ton	1	R 290 160.00
Front End Loader	3	R 663 280.00
Caraven	2	R 14 544.00
Motor Vehicle- Sedan	3	R 778 344.00
Ford Bantam	2	R 171 855.00
Cherry Picker- Toyota	1	R 370 265.00
Trailer	22	R 2 269 613.00
Trailer Venter	3	R 1 749.00
Trailer (Tractor & Refuge)	4	R 4 116.00
Trailer (Challenger, Oldbury, Fire hose and Sable & Skid unity)	4	R 7 191.00

Trailer (Cargo, Compressor & Water)	3	R 24 059.00
Oiec Response Trailer	1	R 2 372.00
Atlas Compressor	1	R 100.00
Compressor trailer	1	R 400.00
Honda 200cc Motorcycle	3	R 3 969.00
Canopy	2	R 12 734.52
Compactor (And a modification)	5	R 4 048 334.68
Carry All Trailer Red Reel and Stand- NN 60720	1	R 20 400.00
Carry All Trailer Red Reel and Stand- NN 62545	1	R 20 400.00
Compressor	5	R 108 466.00
Concrete Mixer	2	R 20 931.86
Excavator	1	R 921 956.00
Isuzu Water tanker	1	R 1 780.00
Base Radio	1	R 2 643.99
Water Tanker Truck	3	R 506 742.86
12 000L Water Tanker	1	R 1 278 558.22
16-Seater Minibus	1	R 671 979.79
SUV	4	R 1 366 036.34
Mitsubishi Fuso canter (3-ton vehicle)	2	R 695 689.68
Purchasing of vehicles D/May & speaker	1	R 431 570.17
Refuse compact truck	1	R 985 870.00
Rescue pumper Es- type Model Tfl 3000	1	R 1 281 100.00
Toyota Tipper 7 ton	1	R 2 500.00
Toyota Tazz	1	R 36 050.00
Toyota dyna Hlv 2.5-ton box body diesel	1	R 82 857.20
Toyota crane truck 8 ton	1	R 2 800.00
Ingersoll compressor sedan	1	R 400.00
VW Jetta sedan	1	R 12 684.00
Roller (and road roller)	3	R 98 700.00
Trimax Procut S3 210	2	R 357 380.00
Slasher	9	R 354 960.00
Vehicle (3-ton truck & Isuzu Npr300)	2	R 452 729.19
Ambulance	1	R 518 900.00
Chipper	1	R 39 440.00
Toyota Quantum	1	R 345 874.86
Hilux Single Cab	1	R 242 506.00
TOTAL		R 98 223 635.38

The expected technical brief on financing should be driven by interest rates, term of the arrangement, type of lease arrangement, financing option/model and value of the transaction/assets and other contributing factors.

The municipality will assess all options that have been submitted and then make a decision on choosing the appropriate option which will be advantageous, economically or within the acceptable risk associated with ownership.

The expenditure on hiring of plants, vehicles and equipment is as follows:

Table on previously incurred expenditure

Item Description	Financial year		
	2021	2022	2023 (year to date)
Machinery Hire	R 23 231 199.00	R 20 091 823.00	R 7 817 482.00
Vehicle Hire	R 3 442 356.00	R 3 568 976.00	R 3 211 439.00

Suitably qualified firms or consortia with the demonstrable experience and capabilities with the ability to access capital and other logistical resources required to provide financial options, are invited to submit the Expression of Interest (EOI).

4. Objective

The main objective is to pre – qualify service providers who demonstrate that they have adequate knowledge and experience in determining financial options available when it comes to sourcing of vehicle fleet, which forms part of the tools in providing a basic municipal service. The interested service provider should prepare and submit a technical brief on proposed solutions and provide a list of Key Personnel who will be responsible for technical aspects related to a proposed financial solution.

The technical brief should demonstrate that the firm has done similar services in past 60 months (noting the Covid – 19 business disruption period), the proposed solutions may touch base on different forms of funding, for example lease on dry or wet rate, including associated operational costs (insurance`s, tyres, etc.) thereof, interest rates and applicable terms on financing solutions. The previous or current experience in providing services of a similar nature and the submission of reference letters as portfolio of evidence, be listed on brief.

The individual qualifications or number years in the industry or market for Key Personnel should form part of the technical brief. The CV of Key personnel and relevant qualifications must be submitted as returnable documents.

5. General Requirements for Expression Of Interest (EOI)

5.1 It is important to note that this invitation to interested parties shall not constitute or be construed or interpreted as initiating or constituting a tender, tender process, request for quotation, request for proposals, offer, invitation to do business or any other process or procedure aim at rendering of services or whatsoever;

5.2 The EOI will be non – binding in the sense that the submissions will not constitute firm contractual offer, capable of acceptance by the Municipality. This invitation to submit an EOI

will enable the Municipality to assess responses from interested parties in the context of a process whereby short-listed suitable parties will be invited to respond to a Request For Quotations (RFQ) and/or Request For Proposals (RFP);

5.3 The Newcastle Municipality retains the right in terms of its Supply Chain Management System Policy and the Municipal Finance Management Act (56 of 2003), not to proceed with a solicitation process outlined in paragraph 5.2 above;

5.4 The Newcastle Municipality, their technical advisors or delegated officials reserve the right to amend, modify or withdraw this document or to amend, modify or terminate any of the procedures or requirements set out herein at any time and from time to time without prior notice and without liability to compensate or reimburse any party;

5.5 The information contained in this document has been prepared to enable interested parties to consider whether to submit a non – binding EOI. This information may be subject to change arising from the passage of time and changes in circumstances between the date of this document and the issue of future RFQ or RFP at the next phase of the expressioning;

5.6 Receipt of this document does not confer any right on any party. The Municipality reserves the right in its absolute discretion, terminate any party`s participation in the Expressioning Process or to accept or reject any EOI without notice to the responce and without liability to any party. No correspondence will be entered into in this regard.

6. Transfer of Skills and Training

The potential service provider will be expected to transfer skills or provide training on operations upon entering onto a formal contract with the successful service provider, on certain plants or vehicles. Furthermore, if parties agree on special functions like vehicle monitoring systems, then all these crucial services should be documented on the contract.

7. Anticipated Timeframes

Once the Expression of interest has been submitted the Municipality will then pre – qualify the service providers who achieved a minimum qualifying score of 70%.

Then the pre – qualified service providers will be expected to submit quotations or proposals following the normal Supply Chain Processes on acquisition.

The project timeframe – from the date of appointment - is a period of three (3) years, however if required and approved by the Municipal Council or National / Provincial Treasury, the timeframe may be extended to four years or more and such should be supported by medium – term budget framework.

8. Location of Services to be Rendered

The financial solution should be provided to all types of motor vehicle that being used to provide a basic municipal service within the jurisdiction of Newcastle Municipality

9. Technical Enquiries

Official Name : Mr Bheki Mdladla
Designation : Director - Supply Chain Management Unit
Telephone : 034 328 7821
Email : Bheki.Mdladla@newcastle.gov.za

OR

Official Name : Mr Mfanafuthi Ndlovu
Designation : Acting Chief Financial Officer
Telephone : 034 328 7655
Email : Mfanafuthi.Ndlovu@newcastle.gov.za

15. EVALUATION PROCESS (CRITERIA)

The bid shall be evaluated in three (3) stages as follows: -

- Stage 1: Administrative compliance
- Stage 2: Functionality scoring
- Stage 3: Objective criteria

Stage 1: Administrative compliance

The Municipality has prescribed minimum administrative requirements that must be met by the bidders, for the former to accept the bid for evaluation. In this regard administrative compliance will be carried out to determine whether the bidder's bid comply in this regard.

Stage 2: Functionality scoring

Functionality will be determined in relation to the bidder's ability to meet the terms of reference as set out in this bid document after meeting all administrative requirements and should the service provider fail to meet administrative requirements (pre-requisites), then bid rendered non-responsive and it will not be considered for functionality evaluation. Service providers that score at least the minimum of **70%** on functionality will be enlisted on the panel agreement.

CATEGORY	EVALUATION CRITERIA	POINTS	
Competency Evaluation			
Experience of Key Personnel: Project Manager	Qualification* in Marketing or Sales or Financial/Cost Management. A qualification must be degree/diploma with the minimum experience of 5 years and above	20	20
	Qualification* in Marketing or Sales or Financial/Cost Management. A qualification must be degree/diploma with the minimum experience of 2 – 5 years	15	
	Qualification* in Marketing or Sales or Financial/Cost Management. A qualification must be degree/diploma with the minimum experience of less than 2 years	10	
	None submission	0	
Experience of Key Personnel: Project Technician	Qualification in Mechanical engineering or Motor mechanic or related field. A qualification must be diploma with the minimum experience of 5 years and above	20	20
	Qualification in Mechanical engineering or Motor mechanic or related field. A qualification must be diploma with the minimum experience of 2 - 5 years	15	
	Qualification in Mechanical engineering or Motor mechanic or related field. A qualification must be diploma with the minimum experience of less than 2 years	10	
	None submission	0	
Experience of Key Personnel: Project Administration Co - ordinator	Qualification in Office administration or related field. A qualification must be NQF level 5 with the minimum experience of 3 years and above	5	5
	Qualification in Office administration or related field. A qualification must be NQF level 5 with the minimum experience of 1 – 3 years	3	
	Qualification in Office administration or related field. A qualification must be NQF level 5 with the minimum experience of less than a year	1	
	None submission	0	

CATEGORY	EVALUATION CRITERIA	POINTS	
Relevant Experience/Track Record for either completed projects and/or current contracts	8 points for each successfully completed project of a similar nature (Letters of awards need to be included as proof to claim points)		40
Proof of financial stability. Latest*** audited Annual Financial Statement of the Service Provider	Latest audited Annual Financial Statement that the service not older than 3 years To claim the points the latest audited Annual Financial Statement must form part of the returnable documents	15	15
	None – No proof from the latest audited Annual Financial Statement	0	
Total			100

Stage 3: Objective criteria

In terms of Preferential Procurement Regulation 11 and section 2(1) (f) of the Preferential Procurement Policy Framework Act, the following are the objective criteria:

- The risk of fruitless and wasteful expenditure to Newcastle Local Municipality;
- The risk of Irregular expenditure to Newcastle Local Municipality;
- The risk of poor project and contract management on existing project with Newcastle Local Municipality;
- The risk of an abnormally low bid; and
- The risk of a material irregularity.

The Municipality reserves a right to apply objective evaluation criteria should the recommended bidder pose any of the above-mentioned risks after assessment, Newcastle Local Municipality after ascertaining sufficient information will not make an award to the bidder exposing the Municipality to one or more of the above-mentioned risks.

16. ELIGIBILITY CRITERIA

The Newcastle Municipality may not consider any proposals unless it meets the following responsiveness criteria:

1. The proposal must be properly received in a sealed envelope clearly indicating the description of the service/goods/works to be supplied and the expression number for which the expression is submitted.
2. The proposal must be deposited in the relevant Expression box as indicated on the notice of the Expressions invitation on or before the closing date and time of the Expression.
3. A Tax Clearance Certificate (TCC) or a copy of TCC together with the status pin page for verification must be submitted with the Expression on or before the closing time and date of the Expression.
4. Costing or Financial proposal and technical proposals should be on separate envelopes, and such be bonded together to avoid misplacement.
5. A Joint Venture Agreement or Consortium, where applicable, which has been properly signed by all parties must be submitted. Both parties should submit individual TCC as well as for the joint venture and on award it is expected that the proof of joint bank account is made available.
6. The proposals must comply with the requirements of the project scope. The proposal must comply in full and observe the requirements of the Notice to provide an expression.
7. The proposal should not exceed 20 pages and where relevant, supporting documentation should be attached as appendices. The following documentation must be included:
 - Brief company profile
 - Ownership or management information
 - CV`s of Key Personnel for this invitation
 - Description of business activities
 - Proposed funding model
 - Other related innovative solutions
8. The potential service provider must provide proof of financial ability or demonstrate that he / she has capacity to execute the contract. Copy of bank statement or Letter of bank guarantee or recent audited financial statements (not older than three years).
9. The potential service provider or any of its directors/shareholders is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 person prohibited from doing business with the public sector;
10. The potential service provider has not:

- a) abused the Employer's Supply Chain Management System; or
- b) failed to perform on any previous contract and has been given a written notice to this effect;

11. The potential service provider has completed the Declaration of Interest and there are no conflicts of interest which may impact on the tenderer's ability to perform the contract in the best interests of the employer or potentially compromise the tender process and persons in the employ of the state are permitted to submit tenders or participate in the contract.
12. The potential service provider is registered on the **National Treasury - Central Supplier Database**.
13. The potential service provider is not in arrears for more than 3 months with municipal rates and taxes and municipal service charges from their own municipality anywhere in the Country The latest municipal account and or Lease agreement is to be attached. The statement must not be older than three months from the closing date of this tender. Alternatively, if the tenderer is currently leasing premises and is not responsible for the payment of municipal services, a copy of the Lease Agreement must be attached.
14. All returnable schedules are to be completed and all relevant certificates attached where indicated;
15. The Municipality reserves a right to apply objective evaluation criteria should the recommended potential service provider pose any of the above-mentioned risks after assessment, Newcastle Local Municipality after ascertaining sufficient information will not make an award to the potential service provider exposing the Municipality to one or more of the above-mentioned risks.
16. The Council reserves the right to accept all, some, or none of the Expressions submitted – either wholly or in part – and it is not obliged to accept the lowest Expression.
17. Copyrights in any document produced, and the patent rights or ownership in any plant, machinery, thing, system or process designed or devised during the course of the consultancy service should vested with the Council – Newcastle Municipality.
18. The method of evaluation will be based on quality assessment (functionality), administrative compliance and then the prequalified proposals will be considered; where the minimum qualifying score of **70%** in respect of the Functionality Test must be achieved for prequalification.
19. By submitting this Expression, the potential service provider authorises the Council or its delegate(s) to carry out any investigation deemed necessary to verify the correctness of the statements and documents submitted and that such documents reasonably reflect the ability of the E potential service provider to provide the goods and services required by the Council.

PLEASE NOTE

1. The Municipal Manager will cancel a contract awarded to a person if:

- a) The person committed a corrupt or fraudulent act during the procurement process or in the execution of the contract, or
- b) An official or other role player committed any corrupt or fraudulent act during the procurement process or in the execution of the contract that benefited that person.

2. The Municipal Manager will reject the Expression or quote of any person if that person or any of its directors has:

- a) Failed, during the last five years, to perform satisfactorily on a previous contract with The Newcastle Municipality or any other organ of State after written notice was given to that Service provider that performance was unsatisfactory.
 - b) Wilfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years.
-

A. SPECIFICATIONS FOR THE SUPPLY, DELIVERY AND COMMISSIONING OF A TRUCK CHASSIS WITH A MANUFACTURERS GVM RATING OF NOT LESS THAN 26 000 KG FITTED WITH AN INDUSTRIAL REAR END LOADING REFUSE COMPACTOR BODY WITH A CAPACITY OF AT LEAST 20m³

The supply, delivery and commissioning of a truck chassis with a manufacturer's GVM rating of not less than 26 000kg fitted with a industrial type rear end loading refuse compactor body with a capacity of at least 20m³.

GENERAL

The completed unit must be able to operate with the Council's existing and contemplated bulk refuse containers and bins. It shall comply in all respects with the Road Traffic and the Occupational Health and Safety Act.

Emphasis must be given to weight distribution and diagrams of the service provider's proposed unit when loaded to capacity and unloaded, shall be submitted with this tender, also indicating legal axle loads.

DETAILED SPECIFICATION

1. ENGINE

The engine type shall be diesel series.
Output - not less than 195kW @ 2100r/min
Torque - not less than 1000 N.m @ 1000 - 1500 r/min

2. ENGINE GOVERNOR

A full variable speed governor is required.

3. AXLE AND MASS LOADS

- (a) Tandem drive rear axle with a manufacturer's rating which should not be less than 20 000kg.
- (b) Manufacturer's front axle rating - not less than 7 000 kg.
- (c) Gross vehicle mass - not less than 26 000 kg.
- (d) Tyre ratings must achieve the stated axle carrying capacities.
- (e) Permissible Payload: The service provider must state the legal load capacity of the completed unit with all necessary equipment fitted. Weighbridge certificates must be supplied upon delivery.

NOTE :In the event of the service provider failing to achieve the quoted payload, all costs to adjust and/or rectify same, will be for the service provider's account and deducted from final payment.

4. CAB

The cab must be full forward controlled tilt type.

5. PACKING

Sub-frame/chassis packing shall be all steel.

6. P.T.O. and HYDRAULIC PUMP COMBINATION

An integral P.T.O. and high output hydraulic pump must be supplied (i.e. no exposed drive shaft between P.T.O. and pump.) The P.T.O. to be transmission mounted. The capacity of the pump must be such that engine revolutions will **not at any stage exceed 1300 per minute** to perform any hydraulic function.

NOTE: A single gear pump is required to operate all the possible hydraulic functions. At no stage may a secondary pump be fitted.

P.T.O. Warning Light: A warning flicker light to indicate P.T.O. engagement must be fitted to the dashboard.

P.T.O. Safety Cut-out or Over-speed Protection : The P.T.O. must be fitted with a safety cut-out preventing manipulation of the P.T.O. revolutions by means of the vehicle accelerator pedal.

P.T.O. Over-speed Protection : Considering the foregoing, the tender shall confirm over-speed protection by specific means.

P.T.O. Lock-out: Driving of the vehicle with P.T.O. engaged must be prevented by specific means.

7. Oil pressure and engine temperature gauges must be fitted in the cab.
8. The driver's seat must be the floating type, air suspended fully adjust-able.
9. The cab to be fitted with a rear window ensuring all round visibility.
10. Two shatterproof S.A.B.S. rear view mirrors not less than 305mm X 205mm, to be fitted to the cab doors. The passenger door to be fitted with a secondary mirror affording the driver full kerbside view.
11. All vehicle doors to be lockable.
12. The service brake must be full air with load dependent control, dual circuit.
13. The auxiliary brake must be an air operated exhaust brake.
14. A brake lining wear indicator light must be fitted in the cab.
15. A heavy duty front towing hook must be fitted and connected to the chassis.

16. **AIR CLEANER**

Shall be Donaldson 2 stage with safety element and pre-cleaner fitted with a vertical snorkel intake extending beyond cab roof height. Dust indicator to be fitted.

17. **AUTOMATIC TRANSMISSION**

Service providers must include in their delivery price for the fitting of a fully automatic planetary transmission conforming to the following :

- (a) 5 spd close ratios matched to vehicle driveline capable of achieving 18% gradeability (lock-up) and 100 km/h top speed.
- (b) Electronic management and control with self-diagnostic capability;
- (c) Integrated primary retarder operated in conjunction with vehicle service brakes. Heat dissipation should be through the engine cooling system and be supported by official engine supplier sign - off;
- (d) Close couple P.T.O. featuring engagement interlocks, i.e. park brake on / transmission in neutral;
- (e) Installation to conform to vehicle manufacturer guidelines;
- (g) A transmission oil temperature gauge / buzzer must be fitted in the cab

The transmission supplied shall preferably be an Allison automatic transmission, model 3500PR or equivalent

18. **FUEL TANK**

The fuel tank capacity must be at least 300l with locking facility.

19. **STEERING**

The steering must be power assisted.

20. **TYRES**

To be tubeless radials not less than 18 ply including spare wheel. All wheels and tyres must be interchangeable. Tyre ratings to achieve the axle carrying capacity as stated under item 3.

21. **BATTERIES**

The batteries shall be easily accessible for maintenance free type and must be fully steel boxed in with locking facility, adequately theft protected.

22. **CREW PLATFORM**

A semi enclosed crew platform must be provided between the body and the cab (entrance on the left-hand side only).

23. **HIGH COMPACTION HEAVY DUTY INDUSTRIAL REFUSE REAR LOADING BODY**

It is the intent of these specifications to describe the minimum requirements for a refuse collection body of the rear loading design. The capacity of the refuse body shall be not less than 20m³, exclusive of tailgate.

The refuse body described shall meet the minimum specifications that follow. All service providers shall attach a statement that the unit offered meets exactly, or exceeds, these specifications, or list any exceptions fully and accurately, as per the attached omissions and variations form.

Features which are regularly furnished as standard with this unit shall be supplied by the successful service provider. The body shall conform in strength, quality of material and workmanship to that provided by the best manufacturing and engineering practices of the industry.

The service provider shall represent by his expression that all equipment expression is new and unused.

It is required that the unit, as specified herein, shall be completely assembled, painted and ready for operation.

Qualification

Yes, if specification is met. In the event of exception, the service provider must qualify as per the attached technical data sheet.

24. **CONTAINER HANDLING**

(a) Roof-Mounted Container Handling Equipment: Handling equipment suitable for use in conjunction with the Council's existing 1,75m³ and 6m³ refuse containers must be fitted.

The 1,75m³ and 6m³ container handling equipment must be a hydraulic reeving cable winch type specifically designed to work safely and trouble free.

The 1,1m³ container handling equipment to be an hydraulic lift bar with a lift capacity not less than 3 000 Kg.

(b) The equipment shall be capable of emptying the containers in a single operation without manual aid.

(c) The container tipping angle should exceed 58° and full discharge must be achieved at the first operation without manual aid or manipulation of containers.

(d) P.T.O. Speed : If an engine speed above normal idling is required for the lifting and emptying of full containers, switched engagement of the P.T.O. must automatically do so.

Manipulation of the container lift mechanisms through the vehicle's engine accelerator pedal must be prevented by specific means.

N.B. In order to prevent damage to containers due to misuse and rough handling by unskilled labour, the above operation must be totally independent of the packing, compaction and ejection cycles.

(e) It is imperative that a technical representative of the service provider personally inspects the refuse containers to be handled in order to establish the exact lifting requirements.

25. **HAZARD WARNING LIGHTS**

All weather LED with diode protection type intermittently flashing amber lights must be fitted, one on top of the cab and one on top of the compactor body, and placed at the right-hand side rear corner. The activation switch, clearly marked, must be fitted inside the cab. Both lights shall be so positioned or protected that they cannot be damaged by overhead tree branches.

26. **LIGHTS FOR NIGHT OPERATION**

(a) All-weather Quartz Halogen type lights to facilitate night operation, must be fitted to both sides of the compactor body.

- (b) These lights must be suitably screened and angled to prevent interference with approaching traffic.
- (c) Clearly marked activation switches for independent operation must be fitted within the cab.

27. **PAINTING OF CAB AND CHASSIS**

The Cab, excluding frame and chassis wheels black, must be painted to colour specification S.A.B.S. 1091-1095 F09 Ultramarine.

Final finish at least three coats Standox or 2K.

Should paint peel off within 12 months, the service provider shall repaint the complete unit at his own costs.

28. **ACCEPTANCE**

The vehicle will not be accepted and may not be dispatched before it has been provisionally passed by departmental inspectors.

30. **ASSEMBLY AND HANDING OVER**

The price as tendered shall include the assembly and hand-ing over in good running order at the Municipal Workshops, Newcastle.

31. **QUALITY**

Any work found to be not to standard, will be rejected.

The service provider must make arrangements to collect such rejected work and rectify same at his own expense.

32. **GUARANTEE**

The service provider shall guarantee the vehicle and accessories purchased in respect of performance and defects for a period of at least **TWELVE (12) MONTHS** or **FIFTY THOUSAND (50 000) KM** from date of acceptance of the vehicle by the Council, not the date of delivery, and this guarantee should include at least two free services and inspection.

NOTE : Ejection blade, all tailgate and container lifting mechanism cylinders to carry a **TWO (2) YEAR** guarantee.

33. **TECHNICAL DATA AND OMISSIONS AND VARIATIONS**

The attached Technical Data and Omissions and Variations Sheets must be completed by the Service provider. Failure to do so will render the tender liable to rejection on the grounds of being incomplete.

34. **ROAD TRAFFIC ACT**

The complete unit must comply in all respects with the said Act.

35. **OCCUPATIONAL HEALTH AND SAFETY ACT**

The complete unit must comply in all respects with the said Act.

36. **WORKSHOP AND SPARES**

The Service provider must indicate availability of spares and work-shop facilities in relation to Newcastle.

37. **CERTIFICATES TO BE SUBMITTED BY THE SERVICE PROVIDER**

- (a) The Service provider must certify the vehicle, equipment and accessories to be new origin. Any rebuilt or renovated materials/equipment shall be declared.
- (b) Weighbridge Certificate - Mass of completed unit ready for registration.
- (c) Automatic Transmission - Allison or Equivalent ZF EPQ Report.
- (d) Co-Driver Software end User Certificate.

38. **LITERATURE**

The following manuals must be supplied :

- (a) Chassis Operator Instruction Book
- (b) Chassis Workshop Manual
- (c) Chassis Spare Parts Manual
- (d) Compactor Operator Instruction Book
- (e) Compactor Service Manual
- (f) Compactor Spare Parts Manual

- (g) Automatic Transmission Operator Instruction Book
- (h) Automatic Transmission Operator Service Manual

39. OPERATING AND SERVICE PROCEDURES

It will be the service provider's responsibility to furnish detailed instructions to Council staff in the safe operating and efficient servicing of both chassis and compactor body.

B. SPECIFICATIONS FOR THE SUPPLY AND DELIVERY OF ONE OR MORE 15 TON TIP TRUCK FITTED WITH HIGH-UP CRANE & GRAB

Supply, delivery and commissioning of one or more new 4 x 2 drop side tip trucks with a manufacturer's GVM rating of not less than 15000 kg fitted with 3½ ton minimum lifting capacity high-up crane situated between the cab and the load bed. A detachable hydraulic operated grab suitable for picking up sand, stone and building rubble is to be included in the expression price. The expression price shall also include delivery to Newcastle Municipality. **All maintenance and servicing to be done in Newcastle.**

The completed unit must be able to operate trouble free within the Newcastle Municipal area. It shall comply in all respects with the Road Traffic Act, and the Occupational Health and Safety Act.

2. MINIMUM TIP TRUCK REQUIREMENTS

The following are minimum requirements:

2.1 ENGINE/ GEARBOX

2.1.1 The engine type shall be turbo charged intercooled diesel series.

Output - not less than 170 kW @ 2400 – 2800 r/min
Torque - not less than 660 N.m @ 1400 - 1800 r/min

2.1.2 (a) Six speed fully synchromesh transmission.
(b) Clutch: Boosted Hydraulic with automatic adjustment

2.2 CHASSIS / LOAD BODY / CAB

2.2.1 The chassis shall be of a solid type design to take the full specified load.

2.2.2 The load body shall:

- have mild steel construction double drop sides;
- have easily removable mild steel drop sides and centre posts allowing conversion to platform configuration;
- have a combination solid/slatted front headboard;
- be body mounted on an all-bolted sub-frame;
- have chevron and tail lights boxed at the rear;

2.2.3 The cab shall be:

- single cab with seating for driver and two (2) passengers;
- shall be fitted with vinyl upholstery or equivalent.

2.2.4 The vehicle must be fitted with power steering.

2.3 ANTI-THEFT DEVICE / IMMOBILISER / ALARM

The vehicle shall be fitted with an approved electronic alarm / immobiliser incorporating an anti-hijacking device.

The prices of accessories shall include fitting prior to delivery of the vehicles.

3. MINIMUM CRANE REQUIREMENTS

3.1 CRANE

3.1.1 Single hydraulic extension with the following lifting capacities:

- 3500kg at 1.7meters;
- 2800kg at 2.4meters;
- 1980kg at 3.5 meters;
- 1400kg at 5.0 meters horizontal outreach.

3.1.2 360° slewing angle, rack and pinion type powered by two (2) hydraulic cylinders.

3.1.3 Controls with four (4) function valve bank

3.1.4 One set of two (2) hydraulic outrigger legs sideways extendable giving straddle of 3.3meters.

3.1.5 Separate oil reservoir with filters, filler breather and sight glass.

3.1.6 Crane shall be supplied with a load test certificate in accordance with the Driven machinery Regulations of the Occupational Health and Safety Act 85 of 1993.

3.2 P.T.O. AND HYDRAULIC PUMP COMBINATION

3.2.1 An integral P.T.O and high output hydraulic pump must be supplied (ie no exposed drive shaft between P.T.O and pump). The P.T.O to be transmission mounted. The capacity of the pump must be such that engine revolutions will **not at any stage exceed 1300 per minute** to perform any hydraulic function.

Note: A single gear pump is required to operate all the possible hydraulic functions. At no stage may a secondary pump be fitted.

3.2.2 A warning flicker light to indicate P.T.O engagement must be fitted to the dashboard.

3.2.3 The P.T.O must be fitted with a safety cut-out preventing manipulation of the P.T.O revolutions by means of the vehicle accelerator pedal.

3.2.4 Over-speed protection shall be indicated by specific means.

3.2.5 Driving of the vehicle with P.T.O engaged must be prevented by specific means.

3.2.6 A hydraulic pump must be directly coupled to the power-take-off fitted to the vehicle's gearbox and have sufficient oil flow and pressure to operate the high-up grab.

3.3 CONTROLS

3.3.1 Speed of movement shall be smooth in operation and continuously variable between zero and maximum.

3.7.3 Dual controls shall be housed on both sides of the vehicle.

4. MINIMUM GRAB REQUIREMENTS

4.1 GRAB

4.1.1 Raised control station inclusive of operator standing platform and access steps.

4.1.2 Clamshell bucket – 350 litre low profile with hardened knife edges.

4.1.3 Rotator - 3 Ton axel capacity with continuous rotation.

4.1.4 Suspension link from boom tip to rotator with all connecting hoses.

4.1.5 Change over valve to accommodate operation of crane or hydraulic tipping system.

4.1.6 Rotating orange warning light mounted on top of vehicle cab.

5. GENERAL

- 5.1.1 The vehicle shall only be purchased from approved agents.
- 5.1.2 An accredited service provider must be available in Newcastle for maintenance and servicing of vehicles.
- 5.1.3 The vehicle shall comply with the latest traffic legislation, the National Road Traffic Act, 1996 (Act 93 of 1996).
- 5.1.4 The vehicle shall be fitted with three rear-view mirrors, two external, left & right as well as one in cab centred mirror.
- 5.1.5 All offers shall be **inclusive** of VAT.
- 5.1.6 The vehicle shall be supplied with a lockable fuel tank cap.
- 5.1.7 All maintenance, services and repairs shall be carried out in Newcastle at no additional cost to Council. The dealer must be based in Newcastle
- 5.1.8 The vehicle shall be supplied in a white colour.
- 5.1.9 All service providers shall complete the *Technical Data Schedule* for the vehicle offered in all respects or face possible disqualification.
- 5.1.10 All spare parts for the vehicle offered shall be available within South Africa.
- 5.1.11 The following shall be included in the vehicle price. Separate pricing shall not be considered:
- Vehicle price;
 - Licensing and registration;
 - Number plates supplied and fitted;
 - VAT;
 - Alarm / Anti-theft / Anti-hijack immobiliser;
- 5.1.12 The successful service provider shall, at no cost to Council, provide adequate training in the operation and routine maintenance of the unit offered.

6. GUARANTEE

- 6.1 The service provider shall clearly state the contents of the guarantee offered from date of delivery.
- 6.2 All transport, spare parts and labour shall be free of cost to Council during the guarantee period.
- 6.3 The tip truck shall have a minimum guarantee of 2 years or 100 000 km on the engine, gearbox and diff and 1 year on the body **and related equipment**.

7. SERVICES

The cost for a three (3) year service plan or 100 000 shall be quoted for in the expressing documents.

8. CERTIFICATE OF TRAINING FOR OPERATORS/DRIVERS

- 8.1 The successful service provider shall account for and provide training for three (3) drivers/operators in line with the requirements of the Driven Machinery Regulations of the Occupational Health and Safety Act 85 of 1993.
- 8.2 Training shall be conducted only by an Accredited Provider in terms of the SAQA Act and as approved by the Chief Inspector in terms of the Driven Machinery Regulation 18 of the Occupational Health and Safety Act 85 of 1993.
- 8.3 Assessment criteria for drivers/operators must be accordance with Appendix 2 of the DMR for the Applicable Crane Standard. (Crane code C32)

C. SPECIFICATIONS FOR FRONT – END LOADER

Supply and delivery and commissioning of one Front End Loader.

GENERAL:

The unit must be able to operate trouble free within the contemplated area of service. It should comply in all respects with the Road Traffic Act as well as the Occupational Health and Safety Act.

DETAILED SPECIFICATIONS

1.ENGINE

The engine type shall be diesel of local design or commonly used locally by leading manufacturers with freely available spares and servicing.

Gross Power	not less than 230kW
Net Power	not less than 1800 rpm
Displacement	not less than 9 litre

- With an ISO rating.
- EU Stage IIIA compliant.
- Rating for net power based on power available when the engine is equipped with alternator, air cleaner, muffler and on-demand hydraulic fan drive at maximum fan speed.

2.SOUND

- The operator sound pressure level measured according to the procedures specified in ISO, when properly installed, maintained and tested with the doors and windows closed.
- Hearing protection may be need when operating with an open operator station and cab (when not properly maintained or doors/windows open) for extended periods or in noisy environments.
- The European Union 2000/14/EC labelled spectator sound power level.

3. ROPS/FOPS

- The Cab canopy shall be ROPS incorporating rock guard to conform with FOPS ISO standard.
- Cab with integrated Rollover Protective Structure (ROPS) is standard in Europe.
- Rollover Protective Structure (ROPS) meets ISO 3471:1994 criteria.
- Falling Objectives Protective Structure (FOPS) meets ISO 3449: 1992 Level II criteria.
- Insulated operator environment
- Two exit doors
- Suspension seat
- Full instrumentation
- Optional air conditioner/heater

4. BRAKES

- Meet ISO 3450:1996 standard

5. OPERATING SPECIFICATIONS

Operating Weight	not less than 23 000 kg
Breakout Force	not less than 170 kN
Bucket Capacities	not less than 4 m ³

- Operating weight with a universal plus bucket and bolt-on cutting edge.

6. HYDRAULIC SYSTEM

The hydraulic pump should be assured of flooded suction at all times

Implement System Pump Output	not less than 320 l/min
Relief lift and tilt valve setting	not less than 310 bar

Hydraulic Cycle Times:

Raise	not less than 5.9s
Dump	not less than 2.1s
Lower, Empty, Float Down	not less than 2.4s
<u>Total</u>	not less than 10.4s

- Implement system, variable axial piston pump (rated at 2100 rpm and 69 bar)
- Cycle times with rated payload
- The hydraulic oil reservoir shall incorporate the following:
 - A filter with a breather cap and strainer
 - Oil filter sight glass, easily accessible
 - Easily accessible suction line filter
 - Easily accessible return line filter with replacement filter
 - Shut off cock
 - Magnetic plug in the suction line
 - Oil capacity not less than 110 litres

7. TRANSMISSION

Forward

- 1
- 2
- 3
- 4

Reverse

- 1
- 2
- 3
- 4

- 4 speed automatic power shift
- Transmission oil temperature gauge

8. AXLES

Front	Fixed
Rear	Oscillating $\pm 13^\circ$
Maximum Single-Wheel Rise and Fall	502 mm

9. SERVICE REFILL CAPACITIES

	Litres
Fuel Tank	not less than 380
Cooling System	not less than 39
a) Shall be a tropical radiator dual thermostat oil/water exchanger	
b) Total water capacity of not less than 39 litres	
Crankcase	not less than 35
Transmission	not less than 50
Differentials and Final Drives	
Front	not less than 64
Rear	not less than 64
Hydraulic Tank	not less than 110

10. TIRES

- 26.5 R 25, L-3 (XHA MX)
- 26.5 R 25, L-3 (VMT BS)
- 26.5 R 25, L-2 (GP2B GY)
- 750/65 R25, L-3 (MX)
- 26.5 R 25, L-3 (RT3B GY)

In certain application (such as load and carry) the loader's productive capabilities might exceed the tires' tonnes-km/h capabilities. It is recommended that you consult a tire supplier to evaluate all conditions before selecting a tire model. The 26.5-25 size range and other special tires are available on request.

11.LAMPS:

Headlights, stop, tail and indicator lamps shall be rubber mounted trucklite semi-sealed beam type or sealed l.e.d. display and recessed or elevated for protection against bumps.

12. HAZARD WARNING LIGHTS:

An all-weather Quartz Halogen type intermittently flashing (not revolving) amber light must be fitted on top of the cab and placed at the right side rear corner. An activation switch, clearly marked, must be fitted.

13. PAINTING

Should paint peel off within 6 months, the tenderer shall repaint the complete unit at his own costs.

14: ASSEMBLY AND HANDING OVER

The price as tendered shall include the assembly and handing over in good running order at the Newcastle Depot, Newcastle.

15. QUALITY

Any work found to be not to standard, will be rejected. The tenderer must make arrangements to collect such rejected work and rectify same at his own expense.

17. GUARANTEE

The tenderer shall guarantee the complete unit purchased in respect of performance and defects for a period of at least SIX (6) MONTHS from date of acceptance of the unit by the Manager, not the date of delivery, and this guarantee should include at least one free service and inspection after 100 hours. All accessories shall be guaranteed for a period of at least SIX (6) MONTHS.

18. Technical Data and Omissions and Variations

The attached Technical Data and Omissions and Variations Sheets must be completed by the Tenderer. Failure to do so will render the tender liable to rejection on the grounds of being incomplete.

19. Road Traffic Act

The complete unit must comply in all respects with the said Act.

20. Operating Safety

The complete unit must comply in all respects with the Occupational Health and Safety Act.

21. Workshop and Spares

The Tenderer must indicate availability of spares and workshop facilities in relation to Newcastle.

22. Certificates to be Submitted by the Tenderer

- (a) The Tenderer must certify the equipment and accessories origin. Any rebuilt or renovated materials/equipment shall be declared.
- (b) Weighbridge Certificate – Mass of completed unit ready for registration.

23. Literature

The following manuals must be supplied:

- (a) Operator Instruction Book
- (b) Service Manual
- (c) Spare Parts Manual
- (d) Circuit/Component Diagram. Colour-coded Wiring

24. Operating and Service Procedures

It will be the tenderer's responsibility to furnish detailed instructions to Waste Works staff in the safe operating and efficient servicing of both engine and loader unit. Basic training may be quoted for under separate cover.

D. SPECIFICATIONS FOR SHREDDER

SPECIFICATIONS

The supply, delivery and commissioning of one Diesel Powered Shredder of medium size for the disposal of organic waste and the preparation of compost.

GENERAL

The unit must be able to operate trouble free within the contemplated area of service. It should comply in all respects with the Road Traffic Act as well as the Occupational Health and Safety Act.

DETAILED SPECIFICATION

1. Engine

The engine type shall be diesel of local design or commonly used locally by leading manufacturers with freely available spares and servicing.

- ❖ Output- not less than 160 kW @ 2600 r/min
- ❖ Torque – not less than 560 N.m @ 1000-1500 r/min
- ❖ ISO Rating

2. Engine Governor

A full variable speed governor is required

3. Oil Pressure Gauge to be fitted. Note Warning Light only not Acceptable

4. Engine Temperature Gauge to be fitted. Note Warning Light only not Acceptable

5. Cooling System

- (a) Shall be a tropical radiator, dual thermostat, oil/water exchanger. Total water capacity not less than 40l.
- (b) The coolant shall be Caltex extended life coolant.

6. Air Cleaner

Shall be Donaldson 2 stage with safety element and pre-cleaner. Dust indicator to be fitted.

7. Fuel Tank

The fuel tank capacity must be at least 130l with locking facility.

8. Batteries

The batteries shall be easily accessible maintenance free type and must be fully steel boxed in with locking facility, adequately theft protected.

9. Shredder

- (a) A medium sized heavy-duty shredder specifically designed for the disposal of garden and other organic waste and the preparation of compost.
- (b) A wide feeding hopper must be provided suitable for manual loading. The capacity should be sufficient also for mechanical loading when required.
- (c) The hopper to be equipped with a feeding conveyor and dragging roller for pre-crushing of materials.
- (d) The shredding system must assure efficient, fine and uniform shredding to achieve a minimum production of 30m³ per hour.
- (e) Breakdown of the shredding system should be eliminated by effective means should materials be accidentally introduced which cannot be shredded.
- (f) Hammers should be interchangeable with different types depending on the shredding need. Product granular size must be adjustable.
- (g) The feeding roller opening should not be less than 350mm.
- (h) The feeding roller opening should not exceed 450mm.

- (i) The shredder must be equipped with a discharge conveyor to direct and discharge shredded materials into skip loading bins or onto the ground.
- (j) Full discharge must be achieved without manual aid.
- (k) Any shredder function should be electronically protected against overload.
- (l) **Engine Speed**
If an engine speed above normal idling is required for shredding operations switched engagement must automatically do so.
Manipulation of the shredding speed through the engine accelerator must be prevented by specific means.
- (m) **Operation and Controls**
The operator must be afforded full view and control of shredding and discharge operations from ground level.
- (n) **Hydraulic Oil Reservoir**
The hydraulic pump must be assured of flooded suction at all times.

The section line must be fitted with an effective 125 micron replaceable strainer and shut-off valves to permit the removal of the pump without draining the tank.

Return hydraulic oil must pass through an efficient 33-micron filter having a replaceable element.

The hydraulic oil reservoir shall incorporate the following:
 - ❖ A filler with breather cap and strainer.
 - ❖ Oil level sight glass, easily accessible.
 - ❖ Easily accessible suction line filter.
 - ❖ Easily accessible return line filter with replacement filter.
 - ❖ Shut-off cock.
 - ❖ Magnetic plug in the suction line.
 - ❖ Oil capacity not less than 80 litres.
- (o) **Service Hour Meter**
The unit must be equipped with an hour meter for efficient servicing procedures.

10. Heavy Duty Trailer

- (a) The complete shredding unit should be trailer mounted for transport purposes to achieve an effective road speed of at least 80km/hour, and be road legal.
- (b) **Tyres**
 - i Tyre size and make shall be freely available locally.
 - ii Tyre ratings to achieve the trailer carrying capacity.
 - iii One complete spare wheel to be supplied.
- (c) The trailer must be fitted with air brakes
- (d) The trailer must be fitted with an effective front tow hitch.
- (e) The manufacturer to submit full details regarding the trailer frame fabrication.
- (f) **Rear Lamps**
Stop, tail and indicator lamps shall be rubber mounted trucklite semi-sealed beam type or sealed l.e.d. display and recessed for protection against bumps.

11. Hazard Warning Lights

An all-weather Quartz Halogen type intermittently flashing (not revolving) amber light must be fitted on top of the unit and placed at the right side rear corner. An activation switch, clearly marked, must be fitted.

12. Painting of the Shredder and Trailer

Should paint peel off within 12 months, the tenderer shall repaint the complete unit at his own costs.

13. Acceptance

The unit will not be accepted and may not be dispatched before it has been provisionally passed by departmental inspectors.

Note: Tenderers are to include for transport costs in this regard (Newcastle and return.)

14. Quality

Any work found to be not to standard, will be rejected.

The tenderer must make arrangements to collect such rejected work and rectify same at his own expense.

15. Guarantee

The tenderer shall guarantee the complete unit purchased in respect of performance and defects for a period of at least TWELVE (12) MONTHS from date of acceptance of the unit by the Manager, not the date of delivery, and this guarantee should include at least one free service and inspection after 1000 hours. All accessories shall be guaranteed for a period of at least TWELVE (12) MONTHS.

16. Technical Data and Omissions and Variations

The attached Technical Data and Omissions and Variations Sheets must be completed by the Tenderer.

Failure to do so will render the tender liable to rejection on the grounds of being incomplete.

17. Road Traffic Act

The complete unit must comply in all respects with the said Act.

18. Operating Safety

The complete unit must comply in all respects with the Occupational Health and Safety Act.

19. Workshop and Spares

The Tenderer must indicate availability of spares and workshop facilities in relation to Newcastle.

20. Certificates to be Submitted by the Tenderer

- (c) The Tenderer must certify the equipment and accessories to be new origin. Any rebuilt or renovated materials/equipment shall be declared.
- (d) Weighbridge Certificate – Mass of completed unit ready for registration.

21. Literature

The following manuals must be supplied:

- (e) Engine/Operator Instruction Book
- (f) Engine/Workshop Manual
- (g) Engine/Spare Parts Manual
- (h) Shredding Unit Operator Instruction Book
- (i) Shredding Unit Service Manual
- (j) Shredding Unit Spare Parts Manual
- (k) Circuit/Component Diagram. Colour-coded Wiring

22. Operating and Service Procedures

It will be the tenderer's responsibility to furnish detailed instructions to Waste Works staff in the safe operating and efficient servicing of both engine and shredding unit. Basic training in compost manufacturing may be quoted for under separate cover.

E. SUPPLY, DELIVERY AND COMMISSIONING OF ONE NEW 4 X 2 TRUCK CHASSIS WITH A MANUFACTURES GVM RATING OF NOT LESS THAN 15000 KG FITTED WITH A WATER TANKER CAPACITY OF NOT LESS THAN 8000 LITERS

SPECIFICATION

1. **ENGINE**

The engine type shall be turbo charged intercooled diesel series.

Output - not less than 170 kW @ 2400 – 2800 r/min
Torque - not less than 660 N.m @ 1400 - 1800 r/min

2. **ENGINE GOVERNOR**

A full variable speed governor is required.

3. **AXLE AND MASS LOAD**

(a) Manufacturers rear axle rating which should not be less than 9 000kg.

(b) Manufacturer's front axle rating - not less than 6 000 kg.

(c) Gross vehicle mass - not less than 15 000kg.

(d) Tyre ratings must achieve the stated axle carrying capacities.

(e) Permissible Payload: The service provider must state the legal load capacity of the completed unit with all necessary equipment fitted. Weighbridge certificates must be supplied upon delivery.

NOTE: In the event of the service provider failing to achieve the quoted payload, all costs to adjust and/or rectify same, will be for the service provider's account and deducted from final payment.

4. **CAB**

The cab must be cab over axle configuration.

5. **PACKING**

Sub-frame/chassis packing shall be all steel.

7. The driver's seat must be the floating type fully adjust-able air-suspended.

8. The cab to be fitted with a rear window ensuring all round visibility.

9. Two shatterproof SABS rear view mirrors not less than 305mm X 205mm, to be fitted to the cab doors. The passenger door to be fitted with a secondary mirror affording the driver full kerbside view.

10. All vehicle doors to be lockable.

11. The service brake must be full air with load dependent control, dual circuit.

12. The auxiliary brake must be an air operated exhaust brake.

13. A brake lining wear indicator light must be fitted in the cab.

14. A heavy duty front towing hook must be fitted and connected to the chassis.

15. **AIR CLEANER**

Shall be 2 stage with safety element and pre-cleaner fitted with a raised intake and suitable for heavy duty operation. Dust indicator to be fitted.

16. **TRANSMISSION**

(a) Six speed fully synchromesh transmission.

(b) Clutch: Boosted Hydraulic with automatic adjustment

17. **FUEL TANK**
The fuel tank capacity must be at least 180l with locking facility.
18. **STEERING**
The steering must be power assisted.
19. **TYRES**
To be tubeless radials not less than 16 ply including spare wheel. All wheels and tyres must be interchangeable. Tyre ratings to achieve the axle carrying capacity as stated under item 3.
20. **BATTERIES**
The batteries shall be easily accessible maintenance free type and with locking facility, adequately theft protected.
21. **Water Tanker**
It is the intent of these specifications to describe the minimum requirements for a water tanker unit
- The lift unit described shall meet the minimum specifications that follow. All service providers shall attach a statement that the unit offered meets exactly, or exceeds, these specifications, or list any exceptions fully and accurately, as per the attached omissions and variations form.
- Features which are regularly furnished as standard with this unit shall be supplied by the successful service provider. The unit shall conform in strength, quality of material and workmanship to that provided by the best manufacturing and engineering practices of the industry.
- The tanker shall have a capacity on not less than 8000 litres. The tanker shall be fitted with a pump of sufficient capacity to fill the tanker
- The service provider shall represent by his expression that all equipment expression is new and unused.
- It is required that the unit, as specified herein, shall be completely assembled, painted and ready for operation.
24. **HAZARD WARNING LIGHTS**
All weather LED type intermittently flashing (not revolving) amber lights must be fitted on top of the cab and placed at the right and left side front corners. The activation switch, clearly marked, must be fitted inside the cab. Both lights shall be so positioned or protected that they cannot be damaged by overhead tree branches.
25. **LIGHTS FOR NIGHT OPERATION**
(a) All-weather Quartz Halogen type lights to facilitate night operation must be fitted on top of the cab.
(b) These lights must be suitably screened and angled to prevent interference with approaching traffic.
(c) Clearly marked activation switches for independent operation must be fitted within the cab.
26. **PAINTING OF CAB/CHASSIS AND SKIP LIFTING UNIT**
Cab : White
Chassis and wheels : Black
Skip lifting unit : SABS 1091 – 1095 F09 Ultramarine Blue
- Should paint peel off within 12 months, the service provider shall repaint the complete unit at his own costs.
27. **ACCEPTANCE**
The vehicle will not be accepted and may not be dispatched before it has been provisionally passed by departmental inspectors.
28. **ASSEMBLY AND HANDING OVER**
The price as expression shall include the assembly and handing over in good running order at the Municipal Waste Management Depot, Newcastle.

29. **QUALITY**
Any work found to be not to standard, will be rejected.

The service provider must make arrangements to collect such rejected work and rectify same at his own expense.
30. **GUARANTEE**
The service provider shall guarantee the truck purchased in respect of performance and defects for a period of a least **TWENTY-FOUR (24) MONTHS** from date of acceptance of the vehicle by the Council, not the date of delivery, and this guarantee should include at least one free service and inspection after 1,000 km. All accessories shall be guaranteed for a period of at least **TWELVE (12) MONTHS**.
31. **TECHNICAL DATA AND OMISSIONS AND VARIATIONS**
The attached Technical Data and Omissions and Variations Sheets must be completed by the Service provider.

Failure to do so will render the expression liable to rejection on the grounds of being incomplete.
32. **ROAD TRAFFIC ACT**
The complete unit must comply in all respects with the said Act.
33. **OCCUPATIONAL HEALTH AND SAFETY ACT**
The complete unit must comply in all respects with the said Act.
34. **WORKSHOP AND SPARES**
The Service provider must indicate availability of spares and work-shop facilities in relation to Newcastle.
35. **CERTIFICATES TO BE SUBMITTED BY THE EXPRESSIONER**
(a) The Service provider must certify the vehicle, equipment and accessories to be new origin. Any rebuilt or renovated materials/equipment shall be declared.
(c) Weighbridge Certificate - Mass of completed unit ready for registration.
36. **LITERATURE**
The following manuals must be supplied :

(a) Engine/Chassis Operator Instruction Book
(b) Engine/Chassis/Brakes/Transmission/Differential Workshop Manual
(c) Engine/Chassis/Brakes/Transmission/Differential Spare Parts Manual
(d) Engine/Chassis/Brakes/Transmission/Differential ist
37. **OPERATING AND SERVICE PROCEDURES**
It will be the service provider's responsibility to furnish detailed instructions to Council's staff in the safe operating and efficient servicing of both chassis and skip lifting unit.
38. The following shall be included in the vehicle price. Separate pricing shall not be considered:
- Vehicle price;
 - Licensing and registration;
 - Number plates supplied and fitted;
 - Lockable fuel cap;
 - VAT;
 - Alarm / Anti-theft / Anti-hijack immobiliser;
 - Floor mats.

F. Fire & Disaster Management – Vehicle Specifications

No.	Plant Name	Specification
1	4x4 Light Pumper	<p>Chassis Type -Double Cabin Chassis with Single Off-Road Tyres Engine Output – 107kW – 145Hp @ 3500rpm Transmission – Automatic</p> <p>Driving & Crew Compartment Seating for driver and 3 crew members</p> <p>Vehicle Body All aluminium extrusion and bended plate body welded for added strength and durability Storage bin on top of water tank</p> <p>Hose Reels 2x Manual Hose Reels C/W Hose and Nozzle</p> <p>Control System Basic pump control system</p> <p>Fire Fighting System PTO driven centrifugal pump 1325 l/min at 10.3bar, 662 l/min at 17.2bar Manual around the pump foam Joystick controlled electronic bumper turret 1200 litre water tank</p> <p>Equipment Compartment One locker each side of the water tank Adjustable shelving LED compartment lighting</p> <p>Pump outlets 2 NP rear facing manual discharge outlets 2 HP outlets to hose reels</p> <p>Scene lighting 2x LED scene lights at rear of body LED ground lights under vehicle LED Pneumatic light mast</p> <p>Emergency Lighting & Siren System Red LED lightbar Red LED flashers on vehicle 100 W Public address and siren system LED pump bay lights</p> <p>Ancillary Fully Equipped with firefighting tools and equipment Heavy duty bull bar with mounted monitor</p>
1	4x4 Rescue Pumper	<p>Chassis Double Cabin Automatic Transmission Double Rear Wheels</p> <p>Fire Fighting System Pumping capacity – 3000 l/min @ 10bar normal pressure 250 l/min @ 40bar high pressure 3000-liter water tank 300-liter Class B foam tank</p> <p>Driving & Crew Compartment Crew 1+4 with 3 rear SCBA seats</p> <p>Lighting</p>

		<p>Robotic light mast</p> <p>Control System Integrated control system</p> <p>Vehicle Body All aluminium extrusion and bended plate body welded for added strength and durability. 6 Lateral body compartments Pneumatic ladder gantry</p> <p>Emergency Lighting & Siren System Red LED flashers on vehicle Red LED light bar Red LED rotators at rear 100w Public address and siren system</p> <p>Ancillary Equipment & Fixtures Remote controlled monitor Fully equipped with Fire Fighting and Rescue Equipment</p>
3	4x4 ARFF Airport Rescue Fire Fighting Vehicle	<p>Chassis Type – 4x4 Parabolic leaf spring with independent shock absorbers Engine output – 670 HP Transmission – Automatic transmission Power Divider - Kushman</p> <p>Driving and crew compartment Crew – Driver + 4 Independent SCBA seats Cab – Custom Aluminium crew cab</p> <p>Vehicle body All aluminium extrusion and bended plate body welded for added strength and durability Eight lateral body compartments</p> <p>Control system Type – Fully electronic control system</p> <p>Firefighting system Centrifugal pump 10000 l/min @ 10bar (Pump and Roll) Automatic around the pump foam system Water tank – 6200 litre Foam tank – 750 litre Roof Turret – 6000 l/min Bumper Turret – 3000 l/min Ground spray nozzles 250 kg DCP</p> <p>Hose reels Two 30m x 19mm hose reels c/w nozzles and foam adaptors fitted in rear side compartments.</p> <p>Pump discharges Four normal pressure manual discharge outlets Two discharge outlets to hose reels Discharges to roof and bumper turret, ground sweeps and cab deluge system</p> <p>Lighting Two LED scene lights at rear of body Three LED scene lights each side of the vehicle. LED ground lights under vehicle LED Pneumatic Light Mast Two LED locker lights in each locker</p> <p>Emergency lighting and siren system</p>

		<p>Red LED light bar Red LED rotators at rear Red LED flashers on vehicle 100w Public address and siren system Ancillary equipment and fixtures Firefighting tools and equipment Reverse camera with screen on dashboard Vehicle performance Standards – To meet NFPA 414 and CIAO Acceleration – 0km/h – 80km/h within 25 seconds Top Speed – Above 115km/h Static Tilt – 30 degrees Approach & departure angle – 30 degrees Testing – Tested according to NFPA 414</p>
4	4x4 Double Cab LDV with Skid Unit	<p>LDV – Standard 4x4 Double Cab Bakkie Emergency lighting and siren system Red LED light bar Red LED flashers on vehicle 100w Public address and siren system UHP Skid Unit Engine – 18hp 4-stroke Water & Foam Tanks 550 litre GRP water tank, suitably baffled with electronic level gauge 50 litre foam tank incorporated into the main tank Ultra High-Pressure 40 litres per minute at 100bar pressure Hose Reels Axial feed high-pressure aluminium hose reel with rewind handles and locking device Foam Proportioning System Manually adjustable 0-6% foam proportioning system manually adjustable</p>
5	37m Aerial Platform	<p>Chassis Double Cab on various commercial chassis Fire Fighting System Maximum working height 37m Allows up to 4 people in rescue cage. Cage rotation +50 degrees -50 degrees, 360 degrees Continuous turntable rotation Automatic cage levelling Mid ship mounted pump. Driving & Crew Compartments Seating for driver and 4 crew in double cab versions. Pump Discharges Pre-piped waterway to rescue cage. Control System Remote electronic vehicle diagnostic system Vehicle Body Rescue ladder carries 8 people evenly distributed over total length. Side lockers Manufactured according to PREN 1777 safety standards Type H jacking system Emergency Lighting & Siren System Red LED flashers on vehicle Fire fighting equipment to be included.</p>

