



**Warning against tender scams:** The WRC urges members of the public to report any suspicious Request for Quotation, Purchase Order or Letter of Award to its Fraud Hotline number: 0800 214 777 and E-mail: [hotline@kpmg.co.za](mailto:hotline@kpmg.co.za) If a request or procurement communication appears to be suspicious Suppliers are advised to contact the WRC Supply Chain Management office on 012 761 9300 to verify its authenticity

**PART A  
INVITATION TO BID (SBD1)**

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE WATER RESEARCH COMMISSION (WRC)					
RFQ/P NUMBER:	<b>051-07-2023/24</b>	CLOSING DATE:	<b>11 AUGUST 2023</b>	CLOSING TIME:	<b>11h00</b>
<b>DESCRIPTION OF GOODS/SERVICES</b>	<p>APPOINTMENT OF A SERVICE PROVIDER/S TO UNDERTAKE A REVIEW OF THE NATIONAL DAM SILTATION MANAGEMENT (NATSILT) PROGRAMME</p> <p>The objective of this request for proposal is to invite service providers to undertake a review of the National Dam Siltation Management (NatSilt) Programme, as follows:</p> <p><b>Motivation / Description of Goods / Services:</b></p> <p>The National Dam Siltation Management (NatSilt) Programme is implemented by the Water Research Commission (WRC) and funded by the Department of Water and Sanitation (DWS). The Programme's overarching aim is to develop a strategy to guide, advise and ensure effective siltation management in the 325 plus large DWS-owned dams with appropriate tools and models. The programme will also produce the required knowledge and insight to mitigate the effects of dam siltation by deploying social, economic, technological, engineering and management systems, tools, and models.</p> <p>The key deliverables of the NatSilt Programme are as follows:</p> <p><b>Phase 1:</b> Development of a Siltation Management Strategy for Large State Dams which includes:</p> <ul style="list-style-type: none"> <li>• A Dam Basin Siltation Management Operations Model</li> <li>• A Sustainable Dredging Business Model/s (Environmental – managing source, Dredging Economics, Sedimentation Engineering)</li> <li>• A Dam Basin Classification Decision-Making Tool</li> <li>• Capacity Building</li> <li>• A step-by-step comprehensive Implementation Plan</li> </ul> <p><b>Phase 2:</b> Piloting of the draft Strategy, Models and Tools</p> <ul style="list-style-type: none"> <li>• Development of a Pilot Plan in 3 Government Water Schemes</li> <li>• Knowledge Dissemination and Profiling</li> </ul> <p><b>Phase 3:</b> Review and revise towards a final Strategy, possible models and tools.</p> <ul style="list-style-type: none"> <li>• The WRC requires a service provider to Review the NatSilt Programme.</li> <li>• The service provider will be appointed to undertake a Review that will provide a monitoring tool to identify the impact that the programme has achieved thus far and to ensure that the programme is on track to</li> </ul>				



	<p>achieving the maximum results and meets its objectives by its completion. This review will not be made public. It will lay a solid foundation for strongly evaluating the programme outcomes and impact. The review will include an assessment of the following 6 categories of the programme progress.</p> <ol style="list-style-type: none"> <li>1. Development Results as per the business plan</li> <li>2. Progress towards results</li> <li>3. Programme Implementation and Adaptive Management</li> <li>4. Siltation Management impact/contribution</li> <li>5. Water security and Sustainability impact</li> <li>6. Socio-economic impact</li> </ol> <p>When considering the 6 categories, the review must focus on how effective the programme is in delivering on the strategic intent, which is primarily to develop a strategy that will guide, advise and ensure effective siltation management and related improved storage capacity of large dams In South Africa.</p>
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**BID RESPONSE DOCUMENTS MAY BE EMAILED TO : [quotations@wrc.org.za](mailto:quotations@wrc.org.za) (No hand delivered quotation or sent to a different email than the one specified shall not be accepted)**

**RFQ VALIDITY PERIOD: 90 DAYS**

**BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO**

**TECHNICAL ENQUIRIES MAY BE DIRECTED TO:**

CONTACT PERSON	<b>Supply Chain Management</b>	CONTACT PERSON	<b>Supply Chain Management</b>
TELEPHONE NUMBER	<b>012 761 9300</b>	TELEPHONE NUMBER	<b>012 761 9300</b>
E-MAIL ADDRESS	<a href="mailto:quotations@wrc.org.za">quotations@wrc.org.za</a>	E-MAIL ADDRESS	<a href="mailto:quotations@wrc.org.za">quotations@wrc.org.za</a>

**SUPPLIER INFORMATION**

NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	TICK APPLICABLE BOX]		B-BBEE STATUS LEVEL SWORN AFFIDAVIT		TICK APPLICABLE BOX]
	<input type="checkbox"/> Yes	<input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No

**[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES & QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]**



ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]	ARE YOU A FOREIGN BASED SUPPLIER FOR <b>THE GOODS /SERVICES /WORKS OFFERED?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER PART B:3 ]
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**QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS**

IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? <input type="checkbox"/> NO	<input type="checkbox"/> YES
DOES THE ENTITY HAVE A BRANCH IN THE RSA? YES <input type="checkbox"/> NO	<input type="checkbox"/>
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA? <input type="checkbox"/> YES <input type="checkbox"/> NO	
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? YES <input type="checkbox"/> NO	<input type="checkbox"/>
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION? YES <input type="checkbox"/> NO	<input type="checkbox"/>
<b>IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.</b>	



**PART B**  
**TERMS AND CONDITIONS FOR BIDDING**

**1. BID SUBMISSION:**

- 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
- 1.2. **ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.**
- 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
- 1.4. **THE SUCCESSFUL BIDDER (WHERE APPLICABLE) WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).**

**2. TAX COMPLIANCE REQUIREMENTS**

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE [WWW.SARS.GOV.ZA](http://WWW.SARS.GOV.ZA).
- 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
- 2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
- 2.6 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
- 2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."

**NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.**

SIGNATURE OF BIDDER: .....

CAPACITY UNDER WHICH THIS BID IS SIGNED: .....  
(Proof of authority must be submitted e.g. company resolution)

DATE: .....



**PART C  
STANDARD BIDDING DOCUMENTS**

(SBD FORMS - SBD4, SBD6.1 (where applicable), should be fully completed and signed by the supplier/service provider). WRC reserves the right not to accept/eliminate/disqualify a quotation not accompanied by the completed prescribed SBD forms.

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**BIDDER'S DISCLOSURE**

**SBD 4**

**1. PURPOSE OF THE FORM**

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

**2. Bidder's declaration**

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest<sup>1</sup> in the enterprise, employed by the state? **YES/NO**

2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State institution

2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES/NO**

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<sup>1</sup> the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.



2.2.1 If so, furnish particulars:

.....  
.....

2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? **YES/NO**

2.3.1 If so, furnish particulars:

.....  
.....

### 3 DECLARATION

I, the undersigned, (name)..... in submitting the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium<sup>2</sup> will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.4 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.6 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids 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

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<sup>2</sup> 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.



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.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT. I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....  
Signature

.....  
Date

.....  
Position

.....  
Name of bidder



## SBD 6.1

### PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

**NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022**

#### 1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to invitations to tender:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

#### 1.2 To be completed by the organ of state

(a) The applicable preference point system for this tender is the 80/20 preference point system.

(b) 80/20 preference point system will be applicable in this tender. The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.

#### 1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:

- (a) Price; and
- (b) Specific Goals.

#### 1.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	20
<b>Total points for Price and SPECIFIC GOALS</b>	<b>100</b>

1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.





- 1.6 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

## 2. DEFINITIONS

- (a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) **“tender for income-generating contracts”** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) **“the Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

## 3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

### 3.1. POINTS AWARDED FOR PRICE

#### 3.1.1 THE 80/20 PREFERENCE POINT SYSTEMS

A maximum of 80 points is allocated for price on the following basis:

**80/20**

$$Ps = 80 \left( 1 - \frac{Pt - P_{min}}{P_{min}} \right)$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

### 3.2. FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME GENERATING PROCUREMENT



### 3.2.1. POINTS AWARDED FOR PRICE

A maximum of 80 points is allocated for price on the following basis:

**80/20**

$$P_s = 80 \left( 1 + \frac{P_t - P_{max}}{P_{max}} \right)$$

Where

- $P_s$  = Points scored for price of tender under consideration  
 $P_t$  = Price of tender under consideration  
 $P_{max}$  = Price of highest acceptable tender

### 4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:
- 4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—
- (a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
- (b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system, then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

**Table 1: Specific goals for the tender and points claimed are indicated per the table below.**

**80/20 preference point system is applicable, corresponding points must also be indicated as such.**

**Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)**



The specific goals allocated points in terms of this tender - B-BBEE Status Level Of Contributor	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)
<b>B-BBEE Level</b>	<b>20 Points</b>	
1	20	
2	18	
3	14	
4	12	
5	8	
6	6	
7	4	
8	2	
Non-compliant contributor	0	

Stated Specific Goal in the Invitation (RFQ/RFB/RFP)	Proof to be submitted for allocation of points	Points Allocation		
<p>The specific goal to be applied for this RFQ to which points may be allocated is/are as follows: (e.g.):</p> <ul style="list-style-type: none"> <li>Support of enterprise in terms of B-BBEE scorecard structure which addresses the specific goals in a combined manner through the B-BBEE certificate according to ownership, management control, skills development, enterprise and supplier development, and socio-economic development.</li> </ul>	<ul style="list-style-type: none"> <li>BEE certificate or sworn affidavit issued certificate confirming their B-BBEE Status Level Contributor.</li> </ul>	B-BBEE Level	20 Points	10 Points
		1	20	10
		2	18	9
		3	14	6
		4	12	5
		5	8	4
		6	6	3
		7	4	2
		8	2	1
		Non-compliant	0	0



#### DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm.....

4.4. Company registration number: .....

4.5. TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
- ☐ One-person business/sole propriety
- ☐ Close corporation
- ☐ Public Company
- ☐ Personal Liability Company
- ☐ (Pty) Limited
- ☐ Non-Profit Company
- ☐ State Owned Company

[TICK APPLICABLE BOX]

4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
  - (a) disqualify the person from the tendering process;
  - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
  - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
  - (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
  - (e) forward the matter for criminal prosecution, if deemed necessary.



**COMPANY SIGNATURE CERTIFYING ALL SBD FORMS**

We are submitting a bid/quotation for the RFQ/P described under the TOR. The signature below confirms the completed SBD forms as correct and true.

<b>SBD 4</b>	<u><b>YES / NO</b></u>
<b>SBD 6.1</b>	<u><b>YES / NO</b></u>
Completed by:	
Signature:	
Company Name:	
Contact Telephone Number:	
Date:	



## **PART D**

### **TERMS OF REFERENCE / SCOPE OF WORK / SPECIFICATION**

#### **1. BACKGROUND AND INTRODUCTION**

The Water Research Commission (WRC) is a national entity established in terms of the Water Research Act (Act No 34 of 1971), to coordinate and fund water research in South Africa.

The WRC requires appointing service providers to undertake a review of the National Dam Siltation Management (NatSilt) Programme.

#### **2. SCOPE OF WORK: REQUIREMENT/SPECIFICATION**

APPOINTMENT OF A SERVICE PROVIDER/S TO UNDERTAKE A REVIEW OF THE NATIONAL DAM SILTATION MANAGEMENT (NATSILT) PROGRAMME

The objective of this request for proposal is to invite service providers to undertake a review of the National Dam Siltation Management (NatSilt) Programme, as follows:

##### **Motivation / Description of Goods / Services:**

The National Dam Siltation Management (NatSilt) Programme is implemented by the Water Research Commission (WRC) and funded by the Department of Water and Sanitation (DWS). The Programme's overarching aim is to develop a strategy to guide, advise and ensure effective siltation management in the 325 plus large DWS-owned dams with appropriate tools and models. The programme will also produce the required knowledge and insight to mitigate the effects of dam siltation by deploying social, economic, technological, engineering and management systems, tools, and models.

The key deliverables of the NatSilt Programme are as follows:

**Phase 1:** Development of a Siltation Management Strategy for Large State Dams which includes:

- A Dam Basin Siltation Management Operations Model
- A Sustainable Dredging Business Model/s (Environmental – managing source, Dredging Economics, Sedimentation Engineering)
- A Dam Basin Classification Decision-Making Tool
- Capacity Building
- A step-by-step comprehensive Implementation Plan

**Phase 2:** Piloting of the draft Strategy, Models and Tools

- Development of a Pilot Plan in 3 Government Water Schemes
- Knowledge Dissemination and Profiling

**Phase 3:** Review and revise towards a final Strategy, possible models and tools.

- The WRC requires a service provider to Review the NatSilt Programme.
- The service provider will be appointed to undertake a Review that will provide a monitoring



tool to identify the impact that the programme has achieved thus far and to ensure that the programme is on track to achieving the maximum results and meets its objectives by its completion. This review will not be made public. It will lay a solid foundation for strongly evaluating the programme outcomes and impact. The review will include an assessment of the following 6 categories of the programme progress.

1. Development Results as per the business plan
2. Progress towards results
3. Programme Implementation and Adaptive Management
4. Siltation Management impact/contribution
5. Water security and Sustainability impact
6. Socio-economic impact

When considering the 6 categories, the review must focus on how effective the programme is in delivering on the strategic intent, which is primarily to develop a strategy that will guide, advise and ensure effective siltation management and related improved storage capacity of large dams in South Africa.

## **DETAILED SCOPE OF THE MIDTERM REVIEW**

The appointed service provider will be required to execute the following functions regarding conducting a review of the NatSilt Programme. The review team will assess the following four elements of programme progress.

### **1.1 Programme Design:**

- Review the problem addressed by the programme and the goals of stimulating socio-economic development and capacity development.
- Review the relevance of the programme strategy and assess whether it provides the most effective route towards expected/intended results. Were lessons from other relevant programmes properly incorporated into the programme design;
- Review how the programme addresses the country's siltation challenges; and
- Recommend areas for improvement in programme design.

### **1.2 Progress Towards Results:**

- Examine if progress so far has led to, or could in the future, catalyse job creation, improved dam catchment management, improved siltation management, a new cohort of skilled siltation management professionals and improved siltation management implementation by the Department of Water and Sanitation.
- Review the business plan outcomes against progress made towards the end-of-programme: populate the Progress Towards Results Matrix, colour code progress in a dashboard system based on the level of progress achieved; assign a rating on progress for the programme objective and each outcome; make recommendations from the areas marked "not on target to be achieved" (red);
- Identify barriers to achieving the remaining programme outcomes and objectives;



- By reviewing the aspects of the programme that have already been successful, identify ways in which the programme can further expand these benefits.

### **1.3 Programme Implementation and Adaptive Management:**

- Review the quality of support provided by all partners and recommend areas for improvement.
- Review Work Planning.
- Review any delays in programme start-up and implementation, identify the causes and examine if they have been resolved.
- Review additional outcomes that the programme has achieved as a value add.
- Examine the financial management of the programme.
- Review Stakeholder Engagement: Has the programme developed and leveraged the necessary and appropriate partnerships with direct and tangential stakeholders.
- Review the participation and country-driven processes: Do local and national government stakeholders support the programme's objectives? Do they continue to actively participate in programme decision-making that supports efficient and effective programme implementation.

### **1.4 Sustainability:**

Assess the following risks to the sustainable implementation of the outcomes of the programme:

- Financial risks;
- Socio-economic risks;
- Institutional Framework and Governance risks;
- Environmental risks;
- Implementation risks;

## **WORK WILL INVOLVE:**

### **2.1 Meetings with all relevant stakeholders**

- DWS and 3 site visits (one to each of the pilot sites)
- The review team will have an inception meeting with the WRC to clarify their understanding of the objectives, methods of the review and produce a review inception report thereafter.

### **2.2 Review existing programme documents.**

- The review team will first conduct a document review of programme documents (i.e., business plan, MOU, work plans, reports).

### **2.3 Draft and Finalise an Inception Report**

- Assess progress and draft a review document with recommendations, obtain inputs from key stakeholders.
- The review team will include a section in the review report setting out the review's evidence-based conclusions, in light of the findings;
- The review team will be expected to make recommendations to the WRC. Recommendations should be succinct suggestions for critical intervention that are specific, measurable, achievable and relevant. A recommendation table should be included in the Executive Summary;





- For reporting purposes, write one page that summarizes the project's progress towards results in terms of contribution to sustainable development benefits, as well as water security benefits;
- Produce a final report

### **3. EVALUATION PHASES**

The received proposals will be evaluated in different phases in order to arrive to the final phase of bid award, and the phases will be as follows:

- 3.1 Phase One – Screening of the minimum requirements documents
- 3.2 Phase Two – Functional Evaluation
- 3.3 Phase Three – Specification compliance
- 3.4 Phase Four – Price and Preference (B-BBEE)

#### **3.1 Phase One (01): Screening of the minimum requirements documents**

In this phase All bids received will be verified for compliance and completeness of the submitted proposal per the below set of mandatory requirements. Bidders who fails to comply with the below requirements may be eliminated and bidders who comply with the below progresses to the next phase of technical evaluation.

- Bid forms must be properly received on the bid closing date and time specified on the invitation, fully completed, dated.
- Invitation to Bid (SBD 1) must be fully completed,
- Submission of a Valid SARS Tax Clearance Certificate together with Supplier SARS Tax Compliance Status Verification PIN to enable Water Research Commission to verify Tax Compliance status on SARS eFiling. NB: Bidders whom their Tax matters are not in order will not be considered for this bid.
- Submission of fully completed SBD 4 (Declaration of Interest),
- Submission of fully completed SBD 6.1 (Preference Claim Certificate),
- Submission of the original or certified B-BBEE Status Level Verification Certificate or original B-BBEE Sworn Affidavit in case of EME and QSE)
- Submission of Central Supplier Database (CSD) Compliance History Report.

NB: Any bidders who did not sign and submit any of the requested documents may be disqualified.

#### **3.2 Phase Two (2): Functional Evaluation**

The Technical Criteria that will be used to test the capability of Bidders are as follows: The technical proposal will be evaluated according to the following criteria and scoring system. The technical score will be calculated out of 100 points, and only those bids that achieve a threshold of 70 points for the technical proposal will move to the next level of evaluation where evaluation will be specification compliance.



Criteria	Scoring guidelines	Weightings
<b>Methodology</b>  A detailed outline of the service providers approach to undertaking the programme review. The bidder clearly articulated the requirements of the project's Scope of Works by including at least the following: a) Understanding of the requirements of the scope of work b) Overall approach and methodology (detailed) c) Activity-based plan aligned to scope of works, deliverables and timelines	<b>Score 5 – Excellent</b> = Comprehensive proposal covering at least all the three requirements satisfactorily. <b>Score 4 – Good</b> = Sound proposal that covers the requirements and can be achieved. <b>Score 2 – Average</b> = repetition of the required outputs and provision of a project plan. <b>Score 0 - Insufficient</b> = Inadequate consideration of the listed components and a project plan that will not deliver the required outputs.	<b>25</b>
<b>Experience</b> i) Work experience in relevant technical areas for at least 10 years and South African related experience in past 5 years  ii) Demonstrated understanding of issues related to siltation, siltation management, water resource management biodiversity and ecosystems values into national, regional and local development policy and water security.  iii) Programme evaluation/review experiences	<b>Score 5 – Excellent</b> = 3 or more programme reviews completed, similar programmes/projects like NatSilt completed and one of which involved an evaluation <b>Score 4 – Good</b> = 2 or more programme reviews completed, similar programmes/projects like NatSilt completed and one of which involved an evaluation <b>Score 2 – Average</b> = 1 or more programme reviews completed, similar programmes/projects like NatSilt completed and one of which involved an evaluation <b>Score 0 – Insufficient</b> = 0 programme reviews completed, similar programmes/projects like NatSilt completed and one of which involved an evaluation	<b>35</b>



<b>Educational Background</b> i) A Master's degree in an environmental and water resource management field or other closely related field and siltation management knowledge  ii) Professional accreditation relevant to the execution of the assignment such as environmental management, development and water resource management or resource economics	<b>Score 5</b> – PhD / Masters <b>Score 4</b> – Degree / Honours <b>Score 3</b> – BSc /Diploma <b>Score 0</b> - Not provided	<b>25</b>
<b>References</b> The bidder should provide at least 4 reference letters with contacts, clearly demonstrating involvement in reviewing a programme similar to the NatSilt.	<b>Score: 5 - Excellent</b> = Five or more Reference letters demonstrating involvement of the service experience in reviewing a similar programme and refers to evaluation skills. <b>Score: 4 – Good</b> = Four Reference letters demonstrating involvement of the service experience in reviewing a similar programme and refers to evaluation skills. <b>Score: 3 – Average</b> = Three Reference letters demonstrating involvement of the service experience in reviewing a similar programme and refers to evaluation skills. <b>Score: 2 – Below Average</b> = One to Two Reference letters demonstrating involvement of the service experience in reviewing a similar programme and refers to evaluation skills. <b>Score 0 – Poor</b> = Service provider does not have letters of reference that are relevant to reviewing programmes.	<b>15</b>
<b>Total</b>		<b>100</b>
<b>Threshold</b>		<b>70</b>

### 3.3 Phase Three (3): Specification Compliance

Service providers submitted price quotations / proposals will be checked against the specification to ascertain compliance. Service providers who fail to fully comply with the specification requirements will be eliminated.



### **3.4 Phase Four (4): Price and Preference (Specific Goal) Evaluation**

Service providers who comply with set minimum threshold will be evaluated under Price and Specific goal phase to determine the highest scoring bidder for recommendation.

## **4. PRICING**

The RFQ will be evaluated on both Price and Specific goals points scoring system in line with the Preferential Procurement Regulations 2022.

## **5. PERIOD / DURATION OF PROJECT / ASSIGNMENT**

Once-off project.

## **6. PAYMENT:**

The WRC will be invoiced according to the amount of services rendered and payment will be affected within 30 days from the date of the invoice.

## **7. STANDARD CONDITIONS OF THE TENDER**

- i. Bidders must complete SBD 4, SBD 6.1;
- ii. Bidders must also submit a valid and original tax clearance certificate; and a valid B-BBEE certificate (original or certified copy) to the WRC offices PRIOR to the closing date, if the WRC is not already in possession of these certificates;
- iii. WRC Supplier application form must be completed and signed (copy attached)
- iv. It is the responsibility of prospective bidders to ensure that all bid documents are submitted before the closing time and date of the tender;
- v. The WRC reserves the right to award or not to award this contract;
- vi. The WRC will enter into a formal contract with one successful bidder;
- vii. The WRC reserves the right to terminate the contract should the performance of the service provider be unsatisfactory;
- viii. Bids received after closing time and date will be classified as **LATE** and will **NOT** be considered;
- ix. Although adequate thought has been given in the drafting of this document, errors may occur which the WRC will not be responsible for;
- x. Any change of information provided in the tender document that may affect delivery of the service should be brought to the WRC's attention as soon as possible. Failure to comply with this may result in the contract being terminated;
- xi. Service providers presenting information intentionally incorrectly or fraudulently will be disqualified;
- xii. Service providers who have been declared insolvent and wish to do business with the WRC must have been rehabilitated and provide the necessary proof thereof;



- xiii. The WRC reserves the right to award, cancel or partially award this contract.
- xiv. The National Treasury General Conditions of Contract will be applicable to this tender (available on the National Treasury website);
- xv. Bidders must complete and attach all relevant standard bid document;
- xvi. All prices quoted must be VAT inclusive;
- xvii. Only those bidders, who have met the minimum functional criteria, as stipulated above, may be invited to present their proposal as required. Please note that bidders, who may be invited for presentations, may have their technical scores re-evaluated.
- xviii. For those bidders who have met the minimum functional criteria, as stipulated above, the WRC has the right to visit the business premises to verify the information provided in the tender documents; please note that bidders who may have their premises inspected, may have their technical scores re-evaluated.
- xix. Short-listed companies could be invited to present and discuss their proposals.
- xx. A service level agreement will be entered into between the WRC and the successful respondent.

## 8. CLOSING DATE AND TIME

- ☐ The closing date for the RFQ is the **11 August 2023 @ 11h00**.
- ☐ Quotations should be sent to [quotations@wrc.org.za](mailto:quotations@wrc.org.za) to reach the WRC before 11h00 on the closing date and time.

## 9. ENQUIRIES

- ☐ For any technical enquiries and commercial enquiries please contact: the WRC Supply Chain Unit at [quotations@wrc.org.za](mailto:quotations@wrc.org.za)