



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 on 0800 227 007 or email: confidential@wisecall.eu.com. 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:	037/07/21-22	CLOSING DATE:	27 July 2021	VALIDITY PERIOD: 90 DAYS	
DESCRIPTION OF GOODS/SERVICES	APPOINTMENT OF A SERVICE PROVIDER FOR THE DEVELOPMENT/UPGRADE, HOSTING AND SUPPORT OF THE WATER TECHNOLOGIES DEMONSTRATION PROGRAMME (WADER) WEBSITE				
BID RESPONSE DOCUMENTS MAY BE EMAILED TO : quotations@wrc.org.za (No hand delivered quotation or sent to a different email than the one specified shall not be accepted)					
quotations@wrc.org.za					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO			TECHNICAL ENQUIRIES MAY BE DIRECTED TO:		
CONTACT PERSON	Silai Malisha		CONTACT PERSON	Silai Malisha	
TELEPHONE NUMBER	012 761 9300		TELEPHONE NUMBER	012 761 9300	
E-MAIL ADDRESS	quotations@wrc.org.za		E-MAIL ADDRESS	quotations@wrc.org.za	
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] ☐ Yes ☐ No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT ☐ Yes ☐ No		[TICK APPLICABLE BOX] ☐ Yes ☐ 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?	☐ Yes ☐ No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?		☐ Yes ☐ No [IF YES, ANSWER PART B:3]
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS					
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?			☐ YES ☐ NO		
DOES THE ENTITY HAVE A BRANCH IN THE RSA?			☐ YES ☐ NO		
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?			☐ YES ☐ NO		
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?			☐ YES ☐ NO		
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?			☐ YES ☐ NO		
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.					



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 PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
- 1.4. **THE SUCCESSFUL BIDDER 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.
- 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 – SBD3.3, SBD4, SBD6.1 (where applicable), SBD8 and SBD9 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.

SBD 3.3 PRICING SCHEDULE – FIRM PRICES (SERVICES)

NOTE: ONLY FIRM PRICES WILL BE ACCEPTED. NON-FIRM PRICES (INCLUDING PRICES SUBJECT TO RATES OF EXCHANGE VARIATIONS) WILL NOT BE CONSIDERED

IN CASES WHERE DIFFERENT DELIVERY POINTS INFLUENCE THE PRICING, A SEPARATE PRICING SCHEDULE MUST BE SUBMITTED FOR EACH DELIVERY POINT

NAME OF BIDDER: RFQ/P NO.:.....
CLOSING DATE:.....

OFFER TO BE VALID FOR **90** DAYS FROM THE CLOSING DATE OF RFQ/P.

DESCRIPTION OF GOODS OR SERVICES:

Item No.	QTY.	DESCRIPTION	PRICE (excl. VAT)

- Does offer comply with specification? *YES/NO
- If not to specification, indicate deviation(s)
- Period required for delivery
*Delivery: Firm/not firm
- Delivery basis (all delivery costs must be included in the bid price)

Note: All delivery costs must be included in the bid price, for delivery at the prescribed destination.

NB: This form is attached for you to furnish but please provide us with a Firm Price. You are also permitted to attach your own pricing schedule.



SBD 4 - DECLARATION OF INTEREST WITH GOVERNMENT

Any legal person, including persons employed by the State (meaning 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); any municipality or municipal entity; provincial legislature; national Assembly or the national Council of provinces; or Parliament), or persons having a kinship with persons employed by the State, including a blood relationship, may make an offer or offers in terms of this invitation to Bid (includes an advertised competitive Bid, a limited Bid, a proposal or written price quotation). In view of possible allegations of favouritism, should the resulting Bid, or part thereof, be awarded to persons employed by the State, or to persons connected with or related to them, it is required that the Bidder or his/her authorised representative, declare his/her position in relation to the evaluating/adjudicating authority where:

The Bidder is employed by the State; and/or

The legal person on whose behalf the Bidding Document is signed, has a relationship with persons/s person who is/are involved in the evaluation and or adjudication of the Bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and/or adjudication of the Bid.

In order to give effect to the above, the following questionnaire must be completed and submitted with this Bid:

Full Name of Bidder or his/her representative

Identity Number:

Position occupied in the Company (director, trustee, shareholder, member):

Registration number of company, enterprise, close corporation, partnership agreement

Tax Reference Number:

VAT Registration Number:

The names of all directors/trustees/shareholders/members, their individual identity numbers, tax reference numbers and, if applicable, employee/PERSAL numbers must be indicated in a separate



schedule including the following questions:	
Schedule attached with the above details for all directors/members/shareholders	
Are you or any person connected with the Bidder presently employed by the State? If so, furnish the following particulars in an attached schedule	YES / NO
Name of person/ director/ trustee/ shareholder/member: Name of State institution at which you or the person connected to the Bidder is employed Position occupied in the State institution Any other particulars:	
If you are presently employed by the State, did you obtain the appropriate authority to undertake remunerative work outside employment in the public sector?	YES / NO
If Yes, did you attach proof of such authority to the Bid document? If No, furnish reasons for non-submission of such proof as an attached schedule (Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the Bid.)	
Did you or your spouse or any of the company's directors/ trustees /shareholders /members or their spouses conduct business with the State including any business units of the National Research Foundation in the previous twelve months?	YES / NO
If so, furnish particulars as an attached schedule:	
Do you, or any person connected with the Bidder, have any relationship (family, friend, other) with a person employed by the State and who may be involved with the evaluation and or adjudication of this Bid?	YES / NO
If so, furnish particulars as an attached schedule.	
Do you or any of the directors/ trustees/ shareholders/ members of the company have any interest in any other related companies whether or not they are bidding for this contract?	YES / NO



If so, furnish particulars as an attached schedule:

SBD 6.1 PREFERENCE POINTS CLAIMED

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution

NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS, AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.

1. GENERAL CONDITIONS

1.1. The following preference point systems are applicable to all bids:

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

1.1.2. The 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2.

1.2.1. The value of this bid is estimated to exceed/not exceed R50 000 000 (all applicable taxes included) and therefore the preference point system shall be applicable; or

1.2.2. Either the 80/20 or 90/10 preference point system will be applicable to this tender (delete whichever is not applicable for this tender).

1.2.3. Either the 80/20 or 90/10 preference point system will be applicable to this tender (delete whichever is not applicable for this tender).

1.3. Points for this bid shall be awarded for:

1.3.1. Price; and

1.3.2. B-BBEE Status Level of Contributor.

1.4. The maximum points for this bid are allocated as follows:

	POINTS
PRICE	



B-BBEE STATUS LEVEL OF CONTRIBUTION	
Total points for Price and B-BBEE must not exceed	100
1.5. Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed. 1.6. Water Research Commission reserves the right to require either of a bidder, before a bid is adjudicated or at any time subsequently, to substantiate any claim concerning preferences, in any manner required by Water Research Commission. 2. DEFINITIONS 2.1. “B-BBEE” means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act; 2.2. “B-BBEE status level of contributor” means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act; 2.3. “bid” means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotations, advertised competitive bidding processes or proposals; 2.4. “Broad-Based Black Economic Empowerment Act” means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003); 2.5. “EME” means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act; 2.6. “Functionality” means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents. 2.7. “prices” includes all applicable taxes less all unconditional discounts; 2.8. “proof of B-BBEE status level of contributor” means: 2.8.1. B-BBEE Status level certificate issued by an authorized body or person; 2.8.2. A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice; 2.8.3. Any other requirement prescribed in terms of the B-BBEE Act;	

2.9. “**QSE**” means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;

2.10. “**rand value**” means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

3. POINTS AWARDED FOR PRICE

3.1. THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

80/20

or

90/10

$$P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right) \quad \text{or} \quad P_s = 90 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where

P_s = Points scored for price of bid under consideration

P_t = Price of bid under consideration

$P_{\min}$ = Price of lowest acceptable bid

4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

4.1. In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (90/10 system)	Number of points (80/20 system)
1	10	20
2	9	18
3	6	14
4	5	12
5	4	8
6	3	6
7	2	4
8	1	2
Non-compliant	0	0



	contributor		
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5. BID DECLARATION

5.1. Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

6. B-BBEE STATUS LEVEL OF CONTRIBUTOR CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 4.1

6.1. B-BBEE Status Level of Contributor:=(maximum of 10 or 20 points)
 (Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by relevant proof of B-BBEE status level of contributor.)

7. SUB-CONTRACTING

7.1. Will any portion of the contract be sub-contracted?
 (Tick applicable box)

YES		NO	
-----	--	----	--

7.1.1. If yes, indicate:

7.1.1.1. What percentage of the contract will be subcontracted.....%

7.1.1.2. The name of the sub-contractor.....

7.1.1.3. The B-BBEE status level of the sub-contractor.....

7.1.1.4. Whether the sub-contractor is an EME or QSE
 (Tick applicable box)

YES		NO	
-----	--	----	--

7.1.1.5. Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations, 2017:

Designated Group: An EME or QSE which is at last 51% owned by:	EME √	QSE √
Black people		
Black people who are youth		



Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		
Black people who are military veterans		
OR		
Any EME		
Any QSE		

8. DECLARATION WITH REGARD TO COMPANY/FIRM

8.1. Name of company/firm:

8.2. VAT registration number:

8.3. Company registration number:.....

8.4. TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
- ☐ One person business/sole propriety
- ☐ Close corporation
- ☐ Company
- ☐ (Pty) Limited

[TICK APPLICABLE BOX]

8.5. DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....

8.6. COMPANY CLASSIFICATION

- ☐ Manufacturer
- ☐ Supplier
- ☐ Professional service provider
- ☐ Other service providers, e.g. transporter, etc.

[TICK APPLICABLE BOX]

8.7. Total number of years the company/firm has been in business:

8.8. I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify



that the points claimed, based on the B-BBEE status level of contributor indicated in paragraphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

- 8.8.1. The information furnished is true and correct;
- 8.8.2. The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- 8.8.3. In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- 8.8.4. If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
 - 8.8.4.1. disqualify the person from the bidding process;
 - 8.8.4.2. recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - 8.8.4.3. 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;
 - 8.8.4.4. recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury 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
 - 8.8.4.5. Forward the matter for criminal prosecution.

SBD 8 - DECLARATION OF BIDDER'S PAST SCM PRACTICES

- 1 This Standard Bidding Document must form part of all bids invited.
- 2 It serves as a declaration to be used by institutions in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
- 3 The bid of any bidder may be disregarded if that bidder, or any of its directors have-
 - a. abused the institution's supply chain management system;
 - b. committed fraud or any other improper conduct in relation to such system; or
 - c. failed to perform on any previous contract.



Is the Bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector? If Yes, furnish particulars as an attached schedule:	YES / NO
Is the Bidder or any of its directors listed on the Register for Tender Defaulters in terms of Section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)? If Yes, furnish particulars as an attached schedule:	YES / NO
Was the Bidder or any of its directors convicted by a court of law (including a court outside of the Republic of South Africa) for fraud or corruption during the past five years? If Yes, furnish particulars as an attached schedule:	YES / NO
Was any contract between the Bidder and any Government entity terminated during the past five years because of failure to perform on or comply with the contract? If Yes, furnish particulars as an attached schedule:	YES / NO
The Database of Restricted Suppliers and Register for Tender Defaulters 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.	

SBD 9: CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting this Bid in response to the invitation for the Bid made by the National Research Foundation, do hereby make the following statements that I certify to be true and complete in every respect:

I have read and I understand the contents of this Certificate;

I understand that the Bid will be disqualified if this Certificate is found not to be true and complete in every respect;

I am authorised by the Bidder to sign this Certificate, and to submit the Bid, on behalf of the Bidder;

Each person whose signature appears on the Bid has been authorised by the Bidder to determine the terms of, and to sign, the Bid on behalf of the Bidder;

For the purposes of this Certificate and the accompanying Bid, I understand that the word "competitor" shall include any individual or organisation, other than the Bidder, whether or not affiliated with the Bidder, who:

- a) Has been requested to submit a Bid in response to this Bid invitation;
- b) Could potentially submit a Bid in response to this Bid invitation, based on their qualifications, abilities or experience; and



- c) Provides the same goods and services as the Bidder and/or is in the same line of business as the Bidder

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 (meaning an association of persons for combining their expertise, property, capital, efforts, skill, and knowledge in an activity for the execution of the bid) will not be construed as collusive bidding.

In particular, without limiting the generality of paragraphs 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 Bid;
- e) The submission of a Bid which does not meet the specifications and conditions of the Bid; or
- f) Bidding with the intention not to win the Bid.

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 Bid invitation relates.

The terms of this 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 the bid or to the signing of the contract.

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 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

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.

SBD 3.3	<u>YES / NO</u>
SBD 4	<u>YES / NO</u>
SBD 6.1	<u>YES / NO</u>
SBD 8	<u>YES / NO</u>
SBD 9	<u>YES / NO</u>
Completed by:	
Signature:	
Company Name:	
Contact Telephone Number:	
Date:	



PART D

TERMS OF REFERENCE / SCOPE OF WORK

1. BACKGROUND

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 is a State entity with the mandate to stimulate and fund water research and enhance knowledge and capacity building within the water sector, among others. Areas covered by research funding include water resource management, water and the environment, water use by domestic, industrial, and mining sectors, as well as water utilisation in agriculture.

The WRC hosts Technology Accelerator platforms such as the Water Technologies Demonstration Programme (WADER). This programme has its own website (<https://wader.org.za>).

2. REQUIREMENT/SCOPE OF WORK

WADER currently utilizes WordPress in its current website. Bidders can provide different platform options as long as it is an Azure managed solution.

Proposed solutions must cater for the following:

Development of the following elements is required on the website

- Test bed map – An interactive map (a static map is currently on the WADER website) showcasing the geographical location of each of the 34 test bed sites and information on the facilities available/details of each test site. Online submission of application form for new test beds who would like to be part of the test bed map.
- An interactive layout of the geographical location of each innovation supported by the programme with brief descriptions of each innovation/pilot and other information related to each innovation e.g. Project Leader, links to videos, Technology Readiness Levels of Innovation, Partner information to name a few.
- Sourcing of appropriate images related to innovations, water technologies, capacity building/partnerships, 4IR (Fourth Industrial Revolution), design thinking etc. to be used/incorporated on the WADER website's landing page and the different tabs/sections of the website.
- Uploading of booklets, prospectuses, videos, images and content such as press releases under appropriate tabs/sections of the website.
- Newsletter – The website must have the Business Development and Innovations quarterly newsletter published onto the website.



- Analytics – The WADER programme must be able retrieve accurate real-time reporting. Some items that are needed in reporting are (but not limited too) the number of users on the website, bounce rates, site performance (by page), most viewed pages, site capacity planning etc. Incorporate website heat maps indicate user interaction data so we are able to identify most popular and least popular content of a web page.
- Graphical User Interface - Upgraded look and feel that incorporates WADER colors and themes and is in-line with current and envisaged global standards.
- Uploading the content and imagery onto the site's backend.
- Search – The website must include search functionality that can search for content across the entire website. The search capability must be able to search text within the innovation information and other activities shared on the website

Hardware | Application | Platform

****Note:** The list below is non-exhaustive. This is simply an indication of the basics that should be included in the development of the website.

The solution must:

- o Be implemented on a reliable platform
- o The tools used and design elements must include a high level of security (not bare minimum) to ensure that our site and data is well secured
- o Address real time management
- o Have a managed database of the WADER website information
- o Be reliable with managed backup tools – In that way our information is always available even if disaster occurs.
- o All backups must be catered for and be available in multiple locations
- o Have a highly accessible storage that can be scalable either upwards or downwards as required
- o Allow for restore of data in alternate location should a disaster be experienced at the original site
- o Be scalable either upwards or downwards
- o Include SSL certificate that will remain valid for the full duration of the contract
- o Include a setup of role-based security
- o Include SSL certificate/s that will remain valid for the full duration of the contract
- o Developed on a technology platform that is easily customized or transferrable at the end of contract
- o Optimize our site to deliver better information to search engines ensuring that WADER content is be properly indexed and displayed within search results – Ensure SEO (Search Engine Optimization) is embedded in the design.
- o Cross-Browser Compatibility – Ensure the WADER website is compatible with the most popular browsers.



Current Website Structure

Database

The entire site is taking up about 600Mb of space, broken down as follows:

- o Database Name – waderorg_wp2017
- o MySQL version of database – 5.7.34
- o Database Performance/Specification – Wordpress mysql database
- o Current Database Size – 15.24Mb
- o Current Database Storage Usage Percentage – Entire site including database is consuming about 3% of the hosting space which has a limit of 20Gb

Service Level Agreement

- o The solution must be covered by a 24x7x365 days agreement for downtime instances
- o Roles and responsibilities must be clearly defined

Monitoring

- o Complete, real-time environment monitoring
- o Capacity reporting with vendor-initiated actions.
- o Alerting and real-time vendor action of outages | service interruption / resource availability / capacity / thresholds

Reporting

- o Monthly reporting on service availability
- o Monthly project meeting to assess requests and manage relationship
- o Reviewing the content and site performance on a monthly basis
- o Monthly statistical reporting on number of users, frequently visited pages, frequently downloaded reports etc.

Support & Maintenance

- o Support must be provided for the duration of the contract
- o Roles and responsibilities, project plan for project management need to be clearly defined in proposal.
- o Support SLA must accompany proposal of 20 hours per month with clearly defined escalation paths, inclusive of all relevant, up-to-date contact information



- o Website must be fully hosted, exceptionally reliable and highly responsive across all devices and browser types
- o All requested content changes must be supported
- o Website must have backup of up to 7 days of data that can be retrievable in cases of downtime
- o Test site must be available and accessible to develop and test any changes prior to deploying to the live website

Vendor

- o Must be certified on the chosen host platforms
- o Must setup connectivity to hosted platform
- o Provide full support for duration of contract
- o Provide a minimum of 3 reference sites with contactable references. This should be relevant and comparable to the requested solution as per the WRC scope of work.

Handover

The service provider appointed must handover, no less than 2 months prior to expiry of contract:

- o A fully updated Architectural document related to the entire site and all associated elements
- o All Administrator and related passwords and login details
- o Back-end development code
- o Training – Which will be conducted for both the WADER and Marketing and Communications teams

3. EVALUATION PHASES

The received proposals will be evaluated in different phases 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 - Technical/functional evaluation per the set criteria
- 3.3 Phase three - Specification compliance per the set requirements
- 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 fail to comply with the below requirements may be eliminated and bidders who comply with the below progresses to the next phase of 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 Pricing Schedule (Purchases – Goods - SBD 3.3),
- 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 fully completed SBD8 (Declaration of Bidders Past SCM Practice),
- Submission of fully completed SBD9 (Certificate of Independent Bid Determination),
- Submission of Central Supplier Database (CSD) Compliance History Report.

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

3.2 Phase two (2): Evaluation of bid responses using the functional requirements:

Technical Functional Criteria:

Note: Functionality scoring will be on a sliding scale of 1 to 5 as per the table below:

SCORE	DESCRIPTION
1	Poor
2	Average
3	Good
4	Very good
5	Excellent

CRITERIA	Points allocation	Evidence	Weighting
Does the solution meet the requirements as per the WADER website upgrade specification?	0 – Solution does not meet the requirements as per specification (See Hardware Application Platform section) 3 - Partially meets requirements as per specification (See Hardware Application Platform section) 5 – Meets all requirements as per	Detailed Architecture of proposed solution outlining all components including proposed resource allocation i.e., storage, processor, memory, etc.	20



	specification (See Hardware Application Platform section)		
Experience in hosting of websites on the chosen platform	• 0 – No experience • 3 – 1 to 3 years' experience • 4 – More than 3 years' experience • 5 – Above 5 years' experience	• Company profile • Case Studies / Reference indicating hosting of chosen platform at other organizations copy) has been attached	20
Reference Letters relating to work done on a similar project of web development. Reference letter to be on client letterhead and signed as well as contain contact information	• 0 – No reference letter submitted • 3 – 1-3 reference letter(s) submitted • 5 – 4 and above reference letters submitted	• Reference Letters	10
Provide proof of skills and qualifications relating to development of website	• 0 – No proof of skills, CV's and qualifications provided • 1 - Relevant skills to the scope of work and qualifications presented, with less than 3 CVs provided • 3 – Relevant skills to the scope of work and qualifications presented, with 3 but less than 5 CVs provided • 5 – Relevant skills to the scope of work and qualifications presented, with more than 5 CVs provided	• CV's indicating work experience and certificates (where applicable) provided of personnel to be involved in the project	20
Experience in deployment of similar solutions that will work on chosen platform	• 0 – Required evidence not submitted • 3 – Partial evidence submitted according to the specification • 5 – All required evidence submitted according to the specification	• Case Studies - Links to the developed website	20
Provide detailed, realistic project implementation plan and associated timeframes. (Include roles, responsibilities, and dependencies)	• 0 – No project plan supplied • 3 – Partial project plan supplied • 5 – Full comprehensive project plan supplied	• Project Plan – Should indicate the timing of development to go live is on the 1st of December 2021 with an assumption the project will commence on 1st September 2021 upon signed contracts	10
TOTAL			100

TECHNICAL THRESHOLD: bidders must meet the minimum of 75% to be admitted to the next phase of evaluation.

3.3 Phase Three (3): Evaluation of bid responses using the scope of work/requirements:

The received bids will be evaluated against the requirements and any bidder that does not meet the requirement will be disqualified.

3.4 Phase four (4): Price and Preference (B-BBEE) Evaluation Phase

Service providers who comply with the requirements will be evaluated under Price and B-BBEE phase to determine the highest scoring bidder for recommendation.



4. PRICING

The RFQ will be evaluated in terms of the Preferential Procurement Regulations (2017).

Note:

- ☐ Fees must be quoted in South African Rand.
- ☐ Price(s) quoted must be firm and inclusive of VAT where applicable.

5. PERIOD / DURATION OF PROJECT / ASSIGNMENT

Period of twelve (12) months.

6. PAYMENT:

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

7. STANDARD CONDITIONS OF THE TENDER

- i. **Bidders must complete SBD 3.3, SBD 4, SBD 6.1, SBD 8 and SBD 9;**
- 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.

10. CLOSING DATE AND TIME

- ☐ The closing date for the RFQ is the **27 July 2021**.
- ☐ Quotations should be sent to quotations@wrc.org.za to reach the WRC on or before the closing date .

11. ENQUIRIES

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