

TERMS OF REFERENCE

REQUEST FOR PROPOSALS FOR A SPECIALIST CIVIL ENGINEER FOR CLEAN ENERGY IN WATER INFRASTRUCTURE INSTALLATIONS/UNITS IN LIMPOPO PROVINCE

Closing date: **25th FEBRUARY 2022**

Time: **11:00**

Submission format: Electronic submission to 183.procurement@sanedi.org.za

Name of the respondent:.....

Late bids will not be accepted for consideration.

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BID DETAILS

Bid Title	Request for specialist Civil Engineer for clean energy in water infrastructure Installations/Units in Limpopo Province
Procurement Reference Number	183
Description of Goods & Services	Clean energy in water infrastructure Installations/Units
Date of TENDER	02 February 2022
Date of Compulsory Briefing Session	15 February 2022 @ 12:00
Date of Tender CLOSING	25 February 2022

CONTACT INFORMATION

Any enquiries regarding the bidding procedure may be directed to:

Ms Vulani Ngoveni

E-mail: enquiries.procurement@sanedi.org.za

BIDDER'S DETAILS

NAME OF BIDDER

POSTAL ADDRESS

STREET ADDRESS

CONTACT PERSON

TELEPHONE NUMBER Code Number

CELL PHONE NUMBER Code Number

FACSIMILE NUMBER Code Number

E-MAIL ADDRESS

Signature of Bidder **Date**

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Submission Criteria

1. Notice and Invitation to submit Proposals

The **SOUTH AFRICAN NATIONAL ENERGY DEVELOPMENT INSTITUTE** invites suitably qualified and experienced service providers to submit priced proposals for the supply of goods and services as indicated in the Scope of Works herein

SANEDI is a research and development entity established as a juristic person in terms of the Energy Act, Act 34 of 2008. SANEDI's key focus areas are research and development into new energy technologies and energy efficiency.

Respondents must comply with the terms and condition as specified in this Bid Document either in their singular capacity or as part of a Joint Venture or consortium.

Potentially emerging enterprises and SMME's who satisfy criteria stated in the Submission Data may submit proposals

Only respondents who submit fully completed priced proposals incorporating all Returnable Schedules duly complete and signed will be eligible to have their submissions evaluated

Queries relating to the issue of these documents may be addressed to

Ms Vulani Ngoveni

E-Mail: enquiries.procurement@sanedi.org.za

The closing time for receipt of Proposals is

11h00 on Friday the 25 February 2022

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2. Submission Data – Specific Conditions of Contract.

1.	<p>The Employer</p> <p>The Employer is SANEDI and is referred to as the CLIENT or EMPLOYER.</p>
2.	<p>Composition of Bid Document</p> <p>The Call for Proposals, the price quotation and the Enterprises responding submission documents forms part of a BID DOCUMENT and may be referred to such further herein.</p> <p>The documents associated with the calling for Proposals issued by the employer comprise:</p> <p>Submission Criteria</p> <ul style="list-style-type: none"> • Notice and Invitation to Submit a Quotation • Submission Data – Specific Conditions of Contract • Evaluation Criteria and Scoring • Tax Clearance Requirements • Central Supplier Database (CSD) summary report <p>Returnable Schedules</p> <ul style="list-style-type: none"> • Enterprise Questionnaire • Technical Proposal & Methodology Statements • Tax Clearance Certificate • B-BBEE Declaration • Declaration of Interest • Certificate of Past Procurement Performance • Certificate of Bid Independence • Certificate of Acceptance – General Conditions of Contract • Certificate of Acceptance – Bid Evaluation and Scoring Criteria • Certificate of Understanding – Scope of Works • Certificate of Attendance – Tender Clarification Meeting • Pricing Schedule / Schedule of Rates • Form of Tender • Schedule of Proposed Amendments and Qualifications • Record of Addenda or Errata to the Bid <p>Only respondents who submit fully completed Proposals incorporating all Returnable Schedules duly complete and signed will be eligible to have their submissions evaluated</p>
3.	<p>Bid Clarification Meeting</p> <p>A compulsory briefing meeting with representatives of the Employer will take place on the 15 February 2022 at 12:00pm via Zoom. Bidders must RSVP by the 14 February 2022 at 12:00pm and further details of the bid clarification meeting will be sent to them. All RSVP's should be sent to enquiries.procurement@senedi.org.za.</p> <p>No late RSVP'S will be considered.</p>

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4.	<p>ELECTRONIC RETURN OF SUBMISSIONS AND NO MANUAL SUBMISSION WILL BE ACCEPTED.</p> <p>Submissions / Bid Documents may be returned to the CLIENT by means of Electronic Submissions via E-Mail.</p> <p>The Submission E-Mail address designated is 183.procurement@sanedi.org.za</p> <p>The Bidder shall ensure that the Bid Documents Returnable Schedules together with all Statutory Returns are duly completed, signed and scanned and uploaded to the designated E-mail address in a lock PDF format file.</p> <p>Documents transmitted in an editable format will be regarded as non-returns and may render the submission unresponsive.</p> <p>The size limits for SANEDI Email is 20 MB. Bidders may submit more than one E-mail.</p>
5.	<p>The closing time for submissions is as stated in the Notice and Invitation to Submit a Proposal Quotation, in the manner specified is</p> <p>Closing date: 25 February 2022 at 11h00</p>
6.	Telephonic, telegraphic, telex, facsimile submissions offers will not be accepted.
7.	NO Late submissions, or submissions not deposited in the designated Tender Box will be considered, and it is incumbent on the Bidder to ensure that their submission together with all supporting documentation is in the designated Tender Box before the closing Time and date specified.
8.	<p>The Bidder holds SANEDI harmless and indemnifies SANEDI in the event of any failure that prevents or delays the bid submission from being in the designated Tender Box/email address at the time of Bid Closure.</p> <p>Bidders are prohibited from using SANEDI Staff acting as their couriers, agents or delivery mediums to deposit bids in the tender box, and the bidder acknowledges that the use of SANEDI staff in this way will immediately disqualify their tender submission.</p> <p>It is the sole responsibility of the bidder to ensure that the documents submitted via PDF format are not corrupt and that any corrupt documents received by the closing date will be automatically excluded from being evaluated.</p>
9.	<p>Information and data to be completed in all respects</p> <p>Accept that Bid offers, which do not provide all the data or information requested completely and, in the form, required, may be regarded by the Employer as non-responsive.</p> <p>Accept that the Employer shall not assume any responsibility for the misplacement or Premature opening of the tender offer if the Bid is not submitted in the required format and clearly marked with the bid reference and placed in the designated tender box before bid closing.</p>
10.	SANEDI Reserves the RIGHTS to contract with suppliers who are BEE Compliant.
11.	SANEDI reserves the to rotate suppliers
12.	SANEDI reserves the right to independently verify Information that is submitted by the bidder.
13.	Bidders are prohibited and will be disqualified if they share resources amongst themselves for the same tender e.g. the proposed team member of company "A" is also a team member of company "B".

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3. Scope of works/Technical specifications

3.1 BACKGROUND TO SOUTH AFRICA

Water and wastewater infrastructure accounts for around 35% of the total energy consumed by South African municipal administrations, and electricity costs can amount to 40-70% of total operating costs for these facilities. Clean energy solutions have the potential to reduce operational costs for water and wastewater infrastructure, and contribute to climate change mitigation as well as adaptation, by reducing greenhouse gas emissions from fossil fuel-based electricity use and increasing water efficiency and resilience to fluctuations in the demand for clean water

Hoedspruit (Maruleng Municipality) is situated in a severely water stressed climatic zone in South Africa. The Maruleng Municipality is situated in the south-eastern quadrant of the Limpopo Province within the Mopani District Municipal Area of Jurisdiction. The municipal area extends over 324 699 ha. The Maruleng Municipality is bordered by the Kruger National Park to the east, the Ba-Phalaborwa and Tzaneen Municipalities to the north, the Lepelle Nkumpi Municipality to the West, and the Tubatse Municipality and Bushbuckridge Municipality to the south. The estimated population of Maruleng Municipality is estimated at around 107,000 people (2019).

This municipality faces many electricity and water supply challenges. This is due to aging, defunct and highly energy inefficient/intensive infrastructure of the sewage and water treatment works for the Hoedspruit town and surrounding areas situated on the SANDF Air Force Base Hoedspruit. Its Mission Statement reads that "Maruleng is committed to the provision of integrated basic services and sustainable infrastructure development in an accountable manner". Under this guise, the municipality is committed to addressing its energy and water needs.

SANEDI and the Department of Defence (Defence Works Formation and Regional Works Unit Limpopo) have been engaging on sustainable, potential renewable energy and energy efficiency solutions for the DOD intensively since October 2017. This has led to the signing of a Memorandum of Agreement (MoA) to collaborate on specifically identified projects for at least the next 5 years. Project focal areas will be targeted towards process energy efficiency, possible renewable energy intervention and system support, skills development, long-term maintenance and development of a long term interinstitutional support team.

More specifically, the project seeks to implement the cost-effective deployment of clean energy technologies (renewable energy and energy efficiency) at a municipal waterworks in South Africa. The project is currently Prioritising the sewage treatment works for upgrade subject to outcomes of this projects recommendations. To date, SANEDI has conducted analytical work including energy audits and needs assessments as well as necessary stakeholder consultations.

Project expected long term benefits:

- Access to clean water is a basic human right
- Clean water is paramount to good hygiene and disease control

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- Maruleng is a water and energy constrained area, better energy efficiency will be instrumental in efficient and good water processing practices
- Significant reduction of energy costs to operate water treatment works

SANEDI is calling for an expert specialist civil engineer for Technical Services to assist in providing technical expertise and assistance to the Renewables Manager in the clean energy technology implementation into municipal water infrastructure.

3.2 Project Objectives

Assessing the water treatment and sewage works of Maruleng municipality, on Air Force Base Hoedspruit

- Energy consumption and current state of repair and operation (Energy Assessment/Audit)
- Assessing the opportunity for clean energy (EE and RE) application across municipal water treatment and sewage works
- Based on available data, and SANEDI previous experience in clean energy interventions at water treatment works, SANEDI will support recommendations towards energy and water system interventions
- These are then expected to be implemented in a phased project (including technical skills development) in to the future

The overall objective of the intervention is to contribute to the deployment of clean energy technologies and services in municipal water and wastewater treatment facilities on military bases/installations. Since the DOD may already be undertaking various installation, maintenance and repair of water related infrastructure at its units, this project aims to support and build capacity in this space for the DOD and its Members. This can be achieved by implementing energy efficient and/or renewable energy hardware systems that supports human capacity development (HCD) as well as contributing towards significantly reduced energy/water use and costs, reliable water supply and security, as well as functional waste water treatment works.

3.3 Scope of Works

Currently the project requires analytical work and technical expertise to be carried out through technical input and recommendations into the established energy assessments, prioritising and planning for appropriate interventions and drafting of technical specifications for clean energy installations.

In performing these Services, the Specialist Civil Engineer is expected to report to, and communicate regularly with, the Renewables Manager and support SANEDI in its project execution by providing specialist, technical support. As such the successful Specialist Civil Engineer must demonstrate a thorough understanding of energy monitoring and energy efficiency along with practical experience in these specific areas and fields (water and waste water treatment) and possess a working knowledge and familiarity with the South African municipalities.

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The Specialist Civil Engineer is expected to possess a relevant civil engineering degree and be registered with the Engineering Council of South Africa. The successful applicant must also have extensive knowledge in water services and water resources management and sanitation, preferably over 20 years. This must be demonstrable through the involvement in relevant projects and programs in municipalities. The Specialist Civil Engineer is also expected to possess extensive knowledge and experience in municipal systems, policies, strategies and bylaws and understand municipal operational needs on infrastructure asset management and maintenance.

The Specialist Civil Engineer is to provide technical expertise and assistance to the SANEDI Renewables Manager (RM) to:

- Advise and provide technical inputs into existing project reports and audits that will inform and design the appropriate clean energy technical intervention into project sites
- Design and develop an appropriate technical term of reference that will also oversee the installation of the Scope of Works
- Assist with the procurement and deploy purpose-suited equipment into municipal infrastructure
- To assist in ensuring the project is implemented in accordance with the SANEDI Procurement Terms of Reference

Task	Description of Services	Outputs
Act as a Technical Lead and Provide Technical Expertise and Assistance to SANEDI	<ol style="list-style-type: none"> 1. In consultation with SANEDI RM, provide technical support to draft and deliver project documentation that informs project planning and implementation including <ol style="list-style-type: none"> 1.1. draft technical input into design of technology interventions; 1.2. undertake site visits to project site (with SANEDI RM and/or other nominated technical experts) to conduct technical due diligence that shall include but not be limited to: <ol style="list-style-type: none"> 1.2.1. surveying existing water and wastewater infrastructure; 1.2.2. assessing energy use and GHG emissions to inform baselines; 1.2.3. identifying potential for energy efficiency measures and deployment of renewable energy; 1.2.4. draw up a plan of required maintenance on infrastructure 2. Acting as lead author in respect of all technical matters for any project related reports and documentation. 3. Where required, conduct desktop research and consult stakeholders as necessary to 	Submission of Reports delivered to SANEDI, in a form and substance satisfactory to SANEDI in its discretion including energy audit reports project reports detailed ToR for project sites' technology applications

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Task	Description of Services	Outputs
	<p>compile data to inform project documentation, including in relation to:</p> <p>3.1. energy consumption, water use and GHG emissions in municipal water and wastewater treatment infrastructure in South Africa;</p> <p>3.2. deployment of energy efficiency and renewable energy in such infrastructure;</p> <p>4. Acting as a lead author in designing and developing a Scope of Works/Terms of Reference for technology specific interventions related to project implementation</p>	
Stakeholder engagement	Support SANEDI RM to engage with stakeholders, targeting contacts with key South African stakeholders.	Submission of a 2-page report at the end of each calendar month that details stakeholder engagement activities undertaken during the reporting period.
Monitoring & Evaluation	Support SANEDI RM in developing M&E system for the project	Technical input into a M&E strategy

3.4 Expected Outputs from contractor and project

The expected outputs and scope of work for the Specialist Civil Engineer are outlined in the table in section 6 Scope of Work.

The expected outcomes for the project include:

- A detailed assessment report of water and wastewater system requirements
 - Site assessments
 - Energy audits
 - Energy Efficiency and Renewable Energy intervention recommendations
- Documented proof of all project meetings and stakeholder engagements
- Terms of Reference for procurement of services in the next phase of the project

3.5 Project Management

The project shall be managed through SANEDI by the Renewables Manager. The Specialist Engineer will work directly with the Renewables Manager. Any project related decisions raised by any party

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associated with the project compliance and physical application of the technology must be addressed through the SANEDI project manager directly as the contracting party.

Deliverables required of the Specialist Engineer are listed in the table in section 10 below.

Additional conditions to consider when implementing this project include:

- Military Security (MS) compliance must be ensured for all civilian persons involved in the project/s
 - Requirement for the winning bidder working on site to be security cleared by Defence Intelligence
- Contractors must use identifiable uniform when on military installations
- The DOD and SANEDI are indemnified at all times against contractor loss or injury of any kind.

3.6 Project Schedule

The project activities are anticipated to be executed and concluded within **24 months** from signature of the contract, including the final project hand over. Where project activities experience delays, any deviation from the proposed timeline of activities (Work Plan) must be communicated to SANEDI in writing.

4 Evaluation Criteria

All bids received will be evaluated in two stages. The first stage will be the pre-condition compliance (*compulsory* and must be met before being able to pass onto the technical evaluation) and technical evaluation, the second is the financial and BEE evaluation. The following are the evaluation criteria against which all bids will be assessed.

1.	Criteria	Scoring Guidelines (1-10)	Weighting
	Capacity, capability and experience of the specialist civil engineer in the water sector Evidence: Description of specialist civil engineer's capabilities must have relevant years in previous/current and applicable roles in <u>projects/programs</u> in water services and water management including energy in South African municipalities/ public sector.	0 = less than 5 years of relevant experience 2 = 5 more years of relevant experience as a civil engineer with limited track record 4 = 10 or more years of relevant experience as a civil engineer with a proven track record of working in water services 6 = 15 more years of relevant experience as a civil engineer with a proven track record of working in water services	35%

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		<p>8 = 20 more years of relevant experience as a civil engineer with a proven track record of working in water services</p> <p>10 = 25 or more years of relevant experience as a civil engineer with a proven track record of working in water services</p>	
	<p>Qualifications of specialist engineer Evidence: <i>Curriculum vitae</i> of specialist engineer highlighting relevant post graduate degrees and technical expertise; is a registered member with the Engineering Council of South Africa and can provide demonstrable <u>professional experiences</u></p>	<p>0 = Does not have demonstrable experience provided</p> <p>4 = Little detail provided in demonstrable experience in civil engineering in the water infrastructure, services and management</p> <p>6 = Some detail provided in demonstrable experience in civil engineering in the water infrastructure, services and management</p> <p>8 = Detailed and demonstrable experience in civil engineering in the water infrastructure, services and management</p> <p>10 = Highly detailed and exceptionally demonstrable experience in civil engineering in the water infrastructure, services and management</p>	25%
	<p>References Letters. Evidence: Reference letters from clients, the bidder has successfully worked with or implemented relevant projects in municipal clean and energy for water infrastructure. Merit will also be given where the specialist has worked with public sector such as government departments and municipalities.</p> <p>NB: These letters must also be in the client letterhead and include the following,</p> <ul style="list-style-type: none"> • email address • Work phone numbers • Duly signed by person in authority 	<p>0 = no reference letter provided</p> <p>2= 1 reference letter provided</p> <p>4= 2 reference letters provided</p> <p>6 = 3 reference letters provided</p> <p>8 = 4 reference letters provided</p> <p>10 = more than 4 reference letters provided</p>	10%

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	<p>Methodology outlining the understanding of the required project scope including lead times Evidence: Detailed methodology of the work to be undertaken, including.</p>	<p>0 = no scope of work understanding or methodology provided</p> <p>1 = basic outline of the “Scope of Work” with little to no detail</p> <p>5 = detailed methodology with general outlines of understanding and deliverables required including lead times</p> <p>10 = highly detailed methodology that outlines a very clear understanding of deliverables required including lead times and an estimated range of activities required to achieve deliverables and outputs for each work item.</p>	30%								
	Threshold		75%								
	Total		100%								
2.	<p>The Bid will be evaluated on 80/20 Preferential Point System according to the Preferential Procurement Policy Framework Act,2000</p> <p>The points scored out of 80 should be calculated according to the following formula:</p> <p>(i) The 80/20 preference point system</p> $Ps = 80 \left(1 - \frac{Hs - Rs}{Rs} \right)$ <p>where</p> <p>Ps = points scored for functionality and price of the bid/proposal under consideration</p> <p>Hs = highest percentage scored by any acceptable bidder for functionality and price</p> <p>Rs = percentage scored for functionality and price by bid/proposal under consideration</p>										
3.	<p>The maximum score for this bid shall be awarded as follows:</p> <table><tr><td>POINTS</td><td>PRICE</td></tr><tr><td>BBBEE Status level of Contribution</td><td>20</td></tr><tr><td>Points for price</td><td>80</td></tr><tr><td>Total points for price and BBBEE do not exceed</td><td>100</td></tr></table>			POINTS	PRICE	BBBEE Status level of Contribution	20	Points for price	80	Total points for price and BBBEE do not exceed	100
POINTS	PRICE										
BBBEE Status level of Contribution	20										
Points for price	80										
Total points for price and BBBEE do not exceed	100										

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5 Tax Clearance Requirements

4.	It is a condition of bid that the taxes of the successful bidder must be in order, or that satisfactory arrangements have been made with South African Revenue Service (SARS) to meet the bidder's tax obligations.
5.	In order to meet this requirement bidders are required to complete in full the attached form TCC 001 "Application for a Tax Clearance Certificate" and submit it to any SARS branch office nationally. The Tax Clearance Certificate Requirements are also applicable to foreign bidders / individuals who wish to submit bids.
6.	SARS will then furnish the bidder with a Tax Clearance Certificate that will be valid for a period of 1 (one) year from the date of approval.
7.	The original Tax Clearance Certificate must be submitted together with the bid. Failure to submit the original and valid Tax Clearance Certificate will result in the invalidation of the bid. Certified copies of the Tax Clearance Certificate will not be acceptable.
8.	In bids where Consortia / Joint Ventures / Sub-contractors are involved, each party must submit a separate Tax Clearance Certificate.
9.	Copies of the TCC 001 "Application for a Tax Clearance Certificate" form are available from any SARS branch office nationally or on the website www.sars.gov.za
10.	Applications for the Tax Clearance Certificates may also be made via eFiling. In order to use this provision, taxpayers will need to register with SARS as eFilers through the website www.sars.gov.za .
11.	FAILURE TO SUBMIT A VALID TAX CLEARANCE CERTIFICATE WILL RENDER THE BID AS UNRESPONSIVE AND DISQUALIFY SUCH BID FROM FURTHER EVALUATION.

6 Returnable Schedules

6.1 Enterprise Questionnaire

Bidders must return submission date for all sections under item 6.1.1 – 6.1.4. On separate sheets where applicable.

Detailed documentation must be attached to this section under sub clauses 6.1.1 – 6.1.4 to provide substantive returns

6.1.1 Company Profile

The following particulars must be furnished. In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted.

Section 1: Name of enterprise:

Section 2: VAT registration number, if any:

Section 3: CIDB registration number, if any:

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Section 4: Particulars of sole proprietors and partners in partnerships

Name*	Identity number*	Personal income tax number*

* Complete only if sole proprietor or partnership and attach separate page if more than 3 partners

Section 5: Particulars of companies and close corporations

Company registration number

Close corporation number

Tax reference number

Section 6: Record in the service of the state

Indicate by marking the relevant boxes with a cross, if any sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months in the service of any of the following:

- | | |
|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> a member of any municipal council | <input type="checkbox"/> an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999) |
| <input type="checkbox"/> a member of any provincial legislature | <input type="checkbox"/> a member of an accounting authority of any national or provincial public entity |
| <input type="checkbox"/> a member of the National Assembly or the National Council of Province | <input type="checkbox"/> an employee of Parliament or a provincial legislature |
| <input type="checkbox"/> a member of the board of directors of any municipal entity | |
| <input type="checkbox"/> an official of any municipality or municipal entity | |

If any of the above boxes are marked, disclose the following:

Name of sole proprietor, partner, director, manager, principal shareholder or stakeholder	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
		Current	Within last 12 months

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<p>*insert separate page if necessary</p>			
<p>Section 7: Record of spouses, children and parents in the service of the state</p> <p>Indicate by marking the relevant boxes with a cross, if any spouse, child or parent of a sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months been in the service of any of the following:</p>			
Name of spouse, child or parent	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
		Current	Within last 12 months

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*insert separate page if necessary

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the enterprise:

- i) authorizes the Employer to obtain a tax clearance certificate from the South African Revenue Services that my / our tax matters are in order;
- ii) confirms that neither the name of the enterprise or the name of any partner, manager, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears on the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004;
- iii) confirms that no partner, member, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears, has within the last five years been convicted of fraud or corruption;
- iv) confirms that I / we are not associated, linked or involved with any other tendering entities submitting tender offers and have no other relationship with any of the tenderers or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest; and
- iv) confirms that the contents of this questionnaire are within my personal knowledge and are to the best of my belief both true and correct.

6.1.2 Bidders Experience Profile

The experience of the tenderer or joint venture partners in the case of an unincorporated joint venture or consortium as opposed to the key staff members / experts in similar projects or similar areas and conditions in relation to the scope of work over the last five years will be evaluated.

Tenderers should very briefly describe his or her experience in this regard and attach this to this schedule.

The description should be put in tabular form with the following headings:

Description of work (service)	Value of work (i.e. the service provided) inclusive of VAT (Rand)	Date completed

6.1.3 Key Personnel

The tenderer should propose the structure and composition of their team i.e. the main disciplines involved, the key staff member / expert responsible for each discipline, and the proposed technical and support staff and site staff. The roles and responsibilities of each key staff member / expert should be set out as job descriptions. In the case of an association / joint venture / consortium, it should, indicate how the duties and responsibilities are to be shared.

The experience of assigned staff member in relation to the scope of work will be evaluated from three different points of view:

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- 1) General experience (total duration of professional activity), level of education and training and positions held of each discipline specific team leader.
- 2) The education, training, skills and experience of the Assigned Staff in the specific sector, field, subject, etc which is directly linked to the scope of work.
- 3) The key staff members' / experts' knowledge of issues which the tenderer considers pertinent to the project e.g. local conditions, affected communities, legislation, techniques etc.

A CV of the Project Director and Team Leader of not more than 2 pages should be attached to this schedule, together with the Bidders organization and staffing demographics

DECLARATION OF BIDDER – ENTERPRISE QUESTIONNAIRE

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the enterprise, confirms that the contents of the sections 5.1.1 – 5.1.3 schedule are within my personal knowledge and are to the best of my belief both true and correct.

Name of Enterprise Bidding:

Name of Authorised Representative

Signature of Authorised Bidder

Date

6.2 Technical Proposal & Methodology Statement

6.2.1 Solution Statement

The **Solution Statement and Methodology** must respond to the scope of work and outline the proposed technical solution offered. This technical solution statement should articulate what value add the tenderer will provide in achieving the stated objectives for the project and detail the time frames and proposed methodology. Vulture

The layout of the solution statement and Methodology should be such that it mirrors the headings contained in the Scope of Works, Section 6 of this Bid Document.

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The tenderer must as such explain his / her understanding of the objectives of the assignment and the Employer's stated and implied requirements, highlight the issues of importance, and explain the technical approach they would adopt to address them. The document should explain the technical attributes and contain specifications of all equipment proposed, to demonstrate the compatibility and capability of the solution. The technical paper should also include a quality plan which outlines processes, procedures for the testing and verification of deliverables, and meet the requirements and indicate how risks will be managed and what contribution can be made regarding value management. The Methodology statement must also include an activity Gantt reflecting a work breakdown structure.

DECLARATION OF BIDDER – TECHNICAL PROPOSAL AND METHODOLOGY STATEMENTS

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the enterprise, confirms that the contents of the sections 5.2 schedule is within my personal knowledge and is to the best of my belief both true and correct.

Name of Enterprise Bidding:

Name of Authorised Representative

Signature of Authorised Bidder

Date

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6.3 Tax Clearance Certificate

The Bidder is to attach a valid original Tax Clearance Certificate here

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6.4 B-BBEE Bid Declaration

BEE Terms and Conditions

If it is detected that false information regarding the B-BBEE status level of contribution, local production content, or any other matter which will affect or has affected the evaluation of the tender, or where the tender has failed to declare any subcontracting arrangements, the purchaser may, in addition to any other remedy it may have –

- (a) disqualify the person from the bidding 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 favorable arrangements due to such cancellation;
- (d) restrict the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, 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

Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:			
B-BBEE STATUS LEVEL OF CONTRIBUTION CLAIMED (Points claimed for BBBEE must be substantiated by means of a B-BBEE certificate issued by a Verification Agency accredited by SANAS or a Registered Auditor approved by IRBA or an Accounting Officer as contemplated in the CCA).			Points Claimed
SUB-CONTRACTING		YES	NO
Will any portion of the contract be sub-contracted?			
If yes, indicate: what percentage of the contract will be subcontracted?		%	
the name of the sub-contractor?			
the B-BBEE status level of the sub-contractor?			
is the sub-contractor an EME?			

I, the undersigned (full name).....

Certify that the B-BBEE information furnished on this declaration form is true and correct and attach a current broad-based black economic empowerment certificate as verified by an accredited agency.

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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 Enterprise Bidding:

Name of Authorised Representative

Signature of Authorised Bidder

Date

TERMS OF REFERENCE

6.5 Bidder's Declaration of Interest

	<p>Any legal person, including persons employed by the state, 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 favoritism, 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</p> <ul style="list-style-type: none"> - 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/a person who are/is 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 the bid.

COMPANY & REPRESENTATIVE DETAILS	
Full Name of bidder or his or her representative	
Identity Number	
Position occupied in the Company (director, trustee, shareholder, member):	
Registration number of company, enterprise, close corporation, partnership agreement or trust	
Tax Reference Number	
VAT Registration Number	

DECLARATIONS	YES	NO
Are you or any person connected with the bidder presently employed by the state?		
If so, furnish the following particulars:		
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?		
If yes, did you attach proof of such authority to the bid document? (Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the bid.)		

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	If no, furnish reasons for non-submission of such proof:		
	Did you or your spouse, or any of the company's directors / trustees / shareholders / members or their spouses conduct business with the state in the previous twelve months?		
	If so, furnish particulars:		
	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?		
	If so, furnish particulars:		
	Do you or any of the directors / trustees / shareholders / members of the company have any interest in any other related companies Wither or not they are bidding for this contract?		
	If so, furnish particulars:		

Full details of directors / trustees / members / shareholders.

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 the table below.

Full Name	Identity Number	Personal Income Tax Reference Number	State Employee Number / Persal Number

TERMS OF REFERENCE

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“State” means –

- (a) 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);
- (b) any municipality or municipal entity;
- (c) provincial legislature;
- (d) national Assembly or the national Council of provinces; or
- (e) Parliament.

“Shareholder” means a person who owns shares in the company and is actively involved in the management of the enterprise or business and exercises control over the enterprise.

DECLARATION OF INTEREST

I, the undersigned (name).....

Certify that the information furnished in this declaration is correct and I accept that SANEDI may reject the bid or act against me should this declaration prove to be false.

Name of Enterprise Bidding:

Name of Authorised Representative

Signature of Authorised Bidder

Date

TERMS OF REFERENCE

6.6 Declaration of Bidder's Past Supply Chain Management 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.
- 4 In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

Item	Question	Yes	No
4.1	<p>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?</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 <i>audi alteram partem</i> 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:		

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4.2	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)? The Register for Tender 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.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.2.1	If so, furnish particulars:		
4.3	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?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.3.1	If so, furnish particulars:		
4.4	Was any contract between the bidder and any 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"/>
4.4.1	If so, furnish particulars:		

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SBD 8

CERTIFICATION

I, the undersigned (full name).....

Certify that the information furnished on this declaration form is 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 Enterprise Bidding:

Name of Authorised Representative

Signature of Authorised Bidder

Date

TERMS OF REFERENCE

6.7 Certificate of Independent Bid Determination

I, the undersigned, in submitting the accompanying bid for

in response to the invitation for the bid made by SANEDI do hereby make the following statements that I certify to be true and complete in every respect:

I therefore certify, on behalf of

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

1. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
2. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
3. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign the bid, on behalf of the bidder;
4. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, 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
5. 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 will not be construed as collusive bidding.
6. 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 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.

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7. 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.
8. 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.
9. 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.

Name of Enterprise Bidding:

Name of Authorised Representative

Signature of Authorised Bidder

Date

6.8 Certificate of Acceptance – General Conditions of Contract

I, THE UNDERSIGNED (NAME).....

Warrants that I am duly authorised to do so on behalf of the enterprise, and confirm that the terms and conditions of contract are acceptable to the enterprise and that such contract will be acceptable to the enterprise should the contract or part thereof be awarded to the enterprise, and that such contract will be signed by the enterprise within 7 days of a request to sign the contract.

Name of Enterprise Bidding:

Name of Authorised Representative

TERMS OF REFERENCE

Signature of Authorised Bidder

Date

6.9 Declaration of Acceptance – Bid Evaluation Criteria

I, THE UNDERSIGNED (NAME).....

Warrant that I am duly authorised to represent our company in the submission of this Bid and we acknowledge that we are fully conversant with, and accept the Bid Evaluation, Scoring and Adjudication Criteria as contained in the Special Conditions of the Bid together with the General conditions as contained on the SANEDI web site, and acknowledge that we have read, understand and accept such as the methodology of bid evaluation and adjudication for this bid.

Name of Enterprise Bidding:

Name of Authorised Representative

Signature of Authorised Bidder

Date

6.10 Declaration of Understanding – Scope of Works

I, THE UNDERSIGNED (NAME).....

Warrant that I am duly authorised to represent our company in the submission of this Bid and we acknowledge that we are fully conversant with the scope of works and technical specifications and all requirements enabling us to submit a proposal.

Name of Enterprise Bidding:

Name of Authorised Representative

Signature of Authorised Bidder

Date

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7 Pricing Schedule

No:	Description of the activity	Price
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
Total		
Vat @15%		
Total inclusive of VAT		

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<p>AMOUNT IN WORDS To be carried forward to Section 8 Form of Tender BID 183</p> <p>..... SIGNATURE OF BIDDER</p>	
---------------------------------------------------------------------------------------------------------------------------------------------	--

I confirm that I am duly authorised to sign and certify that the price indicated on the schedule is our bid price submitted

NAME (PRINT) CAPACITY

SIGNATURE

NAME OF FIRM DATE

TERMS OF REFERENCE

8 Form of Tender

12.	<p><u>Conditions of Acceptance</u></p> <ul style="list-style-type: none"> ▪ The Tenderer is required to complete this FORM of TENDER in every respect, and tenders will not be considered unless this FORM of TENDER is completed in every particular and each page is initialled by the tenderer and fully signed on this page. ▪ This Form of Tender shall be completed by the tenderer in black ink and no corrections, use of correcting fluids or any alterations will be permitted. ▪ The FORM of TENDER and price schedules shall be stated in South African Rand (ZAR) and the price indicated on the schedules shall be binding on the tenderer, and no exception shall be made for omissions, casting errors or errors of whatsoever nature. ▪ Where a tenderer is not returning a price for a line item, or costs associated with that line item are included in another line item, the tendered shall endorse that line item with the words, “No Cost” or “incorporated in Item (NO.....)” whichever being applicable.
13.	<p><u>Confidentiality</u></p> <p>All information pertaining to the services acquired by SANEDI from the service provider or furnished to the service provider shall be treated as confidential by the service provider and shall not be used or furnished to any other person other than for the purposes of the services without the written Consent of the Accounting Officer unless such information is or later becomes public knowledge, other than by breach of the afore-going.</p>
14.	<p>The service provider shall ensure that all its officers, employees, agents or subcontractors treat all information relating to the services as confidential.</p>
15.	<p>The service provider shall ensure that proper security procedures are implemented and maintained to restrict, as far as possible, access to confidential information. The service provider shall ensure that no confidential information is copied or reproduced without prior written approval by the Accounting Officer.</p>
16.	<p>Failure by the service provider to comply with the provisions of this Clause shall constitute a material breach of the contract and shall constitute a ground for termination of the contract by SANEDI, by giving the service provider thirty days’ notice.</p>
17.	<p><u>Priced Proposal</u></p>
18.	<p>FIXED PRICE PROPOSAL</p> <p>The price quoted in the pricing schedule and returned in the Form of Tender is returned as a FIXED PRICE PROPOSAL valid for a period of contract and is not subject to cost price escalations, foreign currency variation or additionality as agreed in the Conditions of Contract</p>

TERMS OF REFERENCE

19.	The Bidder is advised that SANEDI will remit the appointed service provider directly and shall be required to comply with all remittance requirements stipulated in the Conditions of Contract specific to this appointment.
20.	The Bidder is advised to plan and provide for all possible risks that may affect the delivery project on time and what mechanisms are in place to manage such risks.
21.	We/I the undersigned, who warrants that they are duly authorised to do so on behalf of the enterprise, confirms that the contents of the conditions of acceptance pertaining to the FORM of TENDER are acceptable, and having fully understood the scope of works and conditions of bidding, herewith warrant that We/I have satisfied ourselves as to the correctness and sufficiency of the rates and prices set out in the Schedule and therefore offer the following PRICE and offer to undertake the works in accordance with the standards and specifications required.
22.	The undersigned, who warrants that he / she is duly authorised to do so on behalf of the enterprise, confirms that this Form of Tender is submitted in good faith, free of corrections, alterations or encumbrances and such price is binding on the enterprise for a period of 90 days from date of tender close and may be extended by mutual agreement between the parties for a further period of 90 days thereafter.
23.	We/I confirm that I have satisfied myself as to the correctness and validity of my bid; that the price(s) and rate(s) quoted cover all the goods and/or works specified in the bidding documents; that the price(s) and rate(s) cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk.
24.	We/I hereby undertake to supply all or any of the goods and/or works described in the attached bidding documents to SANEDI in accordance with the requirements and specifications stipulated in bid number 176 at the price/s quoted. This offer remains binding and open for acceptance by the purchaser during the validity period indicated and calculated from the closing time of bid.
25.	We/I hereby undertake to supply all or any of the goods and/or works described in the attached bidding documents in accordance with the SANEDI STANDARD CONDITIONS OF CONTRACT pertaining to the supply of goods and services. The Bidder is advised to familiarise themselves with the SANEDI STANDARD CONDITIONS OF CONTRACT pertaining to the supply of goods and services which can be viewed on the SANEDI Website at www.SANEDI.ORG.ZA
26.	We/I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me under this agreement as the principal liable for the due fulfilment of this contract.
27.	We/I declare that we/I have no participation in any collusive practices with any bidder or any other person regarding this or any other bid.
28.	This Clause is intentionally left blank

I, THE UNDERSIGNED (NAME).....

Warrants that I am duly authorised to do so on behalf of the enterprise, and confirm that the Bid submitted has been checked and all prices shown are full and final, and inclusive of all taxes, levies,

TERMS OF REFERENCE

duties and encumbrances, and shall remain valid for a period of 90 days from date of Quotation Closure as depicted in the Submission Data Section of this Bid Document

Therefore our TOTAL Tender Price in respect of the Goods and Services requested under this Call for Proposals (BID REF 183) as stated in South African Rand (ZAR) and upon the terms and conditions set out in the Bid Document free of exceptions, amendments or qualifications save those listed in Schedule 9 shall be:

Tender Amount

R

Amount in Words

.....

Name of Enterprise Bidding:

Name of Authorised Representative

Signature of Authorised Bidder

Date

TERMS OF REFERENCE

9 ADDENDA

9.1 Proposed Amendments and Qualifications

29.	<p>The Tenderer should record any deviations or qualifications they may wish to make to the tender documents in this Returnable Schedule.</p> <p>If the space provided is insufficient, the Tenderer must reflect the headings and emphasis of matter in this schedule and provide detailed amplification of such deviations and qualifications in a separate sheet and incorporate such response in the singular bound bid document submitted at the time of Tender.</p> <p>The Tenderer accepts that the Client will, at its sole discretion determine the validity of such amendments and or qualifications and apportion weighting to such in addition to the BID SCOPE or evaluation criteria in the best interest of the Client.</p> <p>The decision of the Client in this regard is final, and the Client reserves the right to negotiate with a bidder to finalise the implications of such amendments and qualifications</p> <p>Tenderers must not include deviations or qualifications relating to the scope of work in this schedule where they are required to submit an Approach Paper.</p>					
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Page</th> <th style="width: 25%;">Clause or item</th> <th style="width: 60%;">Proposal</th> </tr> </thead> <tbody> <tr> <td style="height: 150px;"></td> <td></td> <td></td> </tr> </tbody> </table>	Page	Clause or item	Proposal		
Page	Clause or item	Proposal				

Name of Enterprise Bidding:

Name of Authorised Representative

Signature of Authorised Bidder

Date

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11.2 Record of Addenda to Tender Documents

We confirm that the following communications received from the CLIENT before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer:

	Date	Title or Details
1.		
2.		
3.		
4.		
5.		

Name of Enterprise Bidding:

Name of Authorised Representative

Signature of Authorised Bidder

Date



senedi

South African National Energy
Development Institute