



**National
Research
Foundation**

Invitation to Quote

**YOU ARE HEREBY INVITED TO QUOTE FOR REQUIREMENTS LISTED IN
THIS DOCUMENT**

**QUOTE NUMBER: RFQ/SAEON/GRASSLAND/ DRONE &
ACCESSORIES/76/2025**

SHORT DESCRIPTION OF REQUIREMENT

**APPOINTMENT OF A SERVICE PROVIDER TO SUPPLY AND DELIVER A UAV, LIDAR SENSOR,
BATTERY CHARGING CASE AND BATTERIES AND ASSOCIATED SOFTWARE.**

Fraud alert! It is common for scammers to call bidders pretending to be NRF's employees and offering to swing tenders your way for a fee.

Do not fall for it, it is a scam!

The NRF would never offer payment or any other consideration in return for the favourable consideration of a bid.

Please report any suspected acts of fraud or corruption to the following toll-free number - 0800 701 701 or SMS 39772.

INVITATION TO QUOTE (SBD 1A)

Quote Number	RFQ/SAEON/GRASSLAND/ DRONE & ACCESSORIES/76/2025
Compulsory briefing session / Site visit (if any)	NA
Closing Date and Time (as per NRF systems)	02/09/2025 TIME 11:00AM

HIGH LEVEL SUMMARY OF REQUIREMENTS:

The SAEON seeks to appoint a service provider to supply and deliver unmanned aerial vehicle (UAV) drone.

RESPONSE DOCUMENTS ARE DELIVERED VIA EMAILS:

EMAIL DELIVERY AS FOLLOWS:

SCM@saeon.nrf.ac.za

ONLY PDF DOCUMENTS ARE ACCEPTABLE.

EMAILS ADDRESS:		Electronic submission	
Bidding procedure enquiries may be directed in writing to:		Technical information may be directed in writing to:	
Section	SCM	Section	Grasslands Node
Contact	Confidence Mayinga	Contact person	Michele Toucher

person			
E-mail address	SCM@saeon.nrf.ac.za	E-mail address	ml.toucher@saeon.nrf.ac.za

SUPPLIER INFORMATION			
Name Of Bidder			
Postal Address			
Street Address			
Telephone Number			
Code		Number	
Cell Phone Number			
Code		Number	
Facsimile Number			
Code		Number	
E-Mail Address			
VAT Registration Number			

SUPPLIER INFORMATION					
Tax Compliance Status	Tax Compliance System PIN		OR	Central Supplier Database No.	MAAA
B-BBEE Status Level Verification Certificate		Tick Applicable Box. <input type="checkbox"/> Yes <input type="checkbox"/> No		B-BBEE Status Level Sworn Affidavit	Tick Applicable Box. <input type="checkbox"/> Yes <input type="checkbox"/> No
[A B-BBEE status level verification certificate/ sworn affidavit (for EMEs & QSEs) must be submitted in order to qualify for preference points for B-BBEE]					
Are you the accredited representative in South Africa for the goods /services/works offered?		<input type="checkbox"/> Yes <input type="checkbox"/> No [If yes enclose proof]		Are you a foreign-based supplier for the goods/services/ works offered?	<input type="checkbox"/> Yes <input type="checkbox"/> No [If yes, answer the questionnaire below]
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS					
Is the entity a resident of the Republic of South Africa (RSA)?					<input type="checkbox"/> Yes <input type="checkbox"/> No
Does the entity have a branch in the RSA?					<input type="checkbox"/> Yes <input type="checkbox"/> No
Does the entity have a permanent establishment in the RSA?					<input type="checkbox"/> Yes <input type="checkbox"/> No
Does the entity have any source of income in the RSA?					<input type="checkbox"/> Yes <input type="checkbox"/> No
Is the entity liable in the RSA for any form of taxation?					<input type="checkbox"/> Yes <input type="checkbox"/> 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.					

TERMS AND CONDITIONS FOR BIDDING (SBD 1B)		
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. Bid pages are bound to minimise risk of lost pages.	
1.3	This bid is subject to the Preferential Procurement Policy Framework Act, 2000 and the General Conditions Of Contract (GCC) with its special conditions of contract, and, if applicable, any other legislative requirements.	
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.	
3.	TWO ENVELOPE SYSTEM	No
4.	VALIDITY PERIOD FROM DATE OF CLOSURE	90 Days

TERMS AND CONDITIONS FOR BIDDING (SBD 1B)

5. THE BIDDING SELECTION PROCESS

Stage 1 – Compliance to submission requirements

Bidders warrant that their proposal document has, as a minimum; the specified documents required for evaluating their proposals as set out in the Returnable Document List and conform to all the terms, conditions, and specifications as set out in this document.

Stage 2 – Evaluation of Bids against Technical Specifications

Bidders achieving the minimum threshold in the specification to enter the Price/Preference scoring stage:

Stage 2A – Evaluation of Bids against Specifications including Quality

The NRF evaluates each bidder's written response to the specifications issued in accordance with published evaluation criteria set as in Section D.

Stage 2B – Due Diligence Interviews or Proof of Delivery/Concept against Specifications

Where circumstances justify it, the NRF conducts interviews with shortlisted bidders for them to present further information or provide further proof to the evaluation committee. In these cases, the National Research Foundation provides the areas of concern to the shortlisted bidders to address in their presentations with this document and, where necessary, may provide further areas of concern to the shortlisted bidders at this stage.

Stage 2C – Due Diligence Research

The National Research Foundation confirms the recommended bidder(s)'s reference letters with referees to confirm the recommendation(s).

TERMS AND CONDITIONS FOR BIDDING (SBD 1B)

Stage 3 – Price/Preference Evaluation

Basis of fair competition:

The NRF compares each bidder's pricing proposal on an equal and fair comparison basis equitable to all bidders, considering all aspects of the bid's pricing requirements including the application of fair pricing tests as set out below in the section "Insufficiency of Funds".

Ranking of the bidders pricing:

The NRF ranks the qualifying bids on price with lowest priced Bid receiving the maximum points (either 80 or 90) and the remainder ranked in relation to the lowest priced bid. The NRF adds the bidders' claimed preference points as verified to the submitted preference claim form (SBD 6.1) to provide the final ranking for the award decision.

Stage 4 – Checking Tax Compliance

Stage 4A – Taxpayers Resident in South Africa

The NRF notifies the recommended bidder in writing where their tax compliance check reflects that they are non-compliant and provides the recommended bidder seven (7) working days to submit written proof from SARS of their tax compliance status or proof that they have made an arrangement with SARS to meet their outstanding tax obligations. Failure to deliver such written evidence of compliance results in the rejection of that recommended bid.

Stage 4B – Non-Resident Foreign Bidders

When foreign bidders are submitting a bid, they complete all sections of the SBD1, especially the tax questionnaire. The NRF submitted the Foreign Bidder's completed SBD1 to the South African Revenue Service to obtain from the South African Revenue Service the Confirmation of Tax Obligations letter. Where South Africa Revenue Services does not issue the letter, Stage 4A applies in clearing the reason for not receiving the letter.

Stage 5 – Award and Contract Signing

The NRF nominates the bidder with the highest combined score for the contract award subject to the bidder having supplied the relevant administrative documentation.

TERMS AND CONDITIONS FOR BIDDING (SBD 1B)	
6.	ACKNOWLEDGEMENT OF READING EACH PAGE
The bidder warrants by signature in this document that the bidder has read and accepts each page.	
7.	CENTRAL SUPPLIER DATABASE REGISTRATION
Bidders are requested to register on the Central Supplier Database and to include in their bid their Master Registration Number (Supplier Number) in order to enable the NRF to verify the supplier's tax status on the Central Supplier Database.	
8.	CLARIFICATION
If the respondent wishes to clarify aspects of this request or the acquisition process, they contact the officials listed under the enquiries section above. The National Research Foundation does not provide the origin of the request to any party.	
9.	RESPONSE PREPARATION COSTS
The NRF is not liable for any costs incurred by a bidder in the process of responding to this Bid Invitation, including on-site presentations.	
10.	COLLUSION, FRAUD AND CORRUPTION
Any effort by Bidder/s to influence evaluation, comparisons, or award decisions in any manner will result in the rejection and disqualification of the bidder concerned.	
11.	FRONTING
The NRF, in ensuring that bidders conduct themselves in an honest manner will, as part of the bid evaluation processes where applicable, conduct or initiate the necessary enquiries/investigations to determine the accuracy of the representation made in the bid documents. The onus is on the bidder to prove that fronting does not exist, should the National Research Foundation establish and notify the bidder of potential breaches of any of the fronting indicators as contained in the Department of Trade and Industry's "Guidelines on Complex Structures and Transactions and Fronting". Failure to do so within a period of 7 days from date of notification will invalidate the bid/contract and may also result in the restriction of the bidder to conduct business with the public sector for a period not exceeding 10 years, in addition to any other remedies the NRF may have against the bidder concerned.	

12. DISCLAIMERS	
<p>The NRF has produced this document in good faith. The NRF, its agents, and its employees and associates do not warrant its accuracy or completeness. The NRF makes no representation, warranty, assurance, guarantee or endorsements to any provider/bidder concerning the document, whether with regard to its accuracy, completeness or otherwise and the NRF shall have no liability towards the responding service providers or any other party in connection therewith.</p>	
13. CANCELLATION OF THE QUOTATION PRIOR TO AWARD	
	<p><u>Procurement not required:</u> The NRF cancels the Bid Invitation prior to making an award if due to changed circumstances there is no need for the specified procurement in the document.</p>
	<p><u>No Acceptable Quotations:</u> The NRF cancels the Quotation Invitation prior to making an award if it receives no acceptable bids i.e. that do not meet the minimum requirements set out in this document.</p>
	<p><u>Invalid Bid Procedure:</u> The NRF cancels the Quotation Invitation prior to making an award if a material irregularity occurred in the bid process.</p>
	<p><u>Insufficiency of Funds or Quotations not within a fair price range:</u> The NRF cancels the Quotation Invitation prior to making an award if the funds are no longer available to cover the total envisaged expenditure or if the price offered by the bidder scoring the highest points is not market related.</p> <p>The NRF conducts fair pricing tests to arrive at an opinion of reasonableness of the bid price offered. Where these tests reflect pricing outside of the established fair price range, the evaluators may recommend price negotiation. The NRF only negotiates price, and no other component, with the winning bidder or, where that bidder refuses negotiation, with the next ranked bidder in the price/preference ranking until a market related price is achieved.</p>
SBD 1 SIGNATURE	
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:	

SCOPE OF WORK
INTRODUCTION TO THE NRF
<p>The National Research Foundation Act, Act 23 of 1998, establishes the National Research Foundation (“NRF”) as the juristic person that makes this bid invitation and will contract with the awarded bidder. The Public Finance Management Act classifies the organisation as a Schedule 3A Public Entity.</p>
CONTEXT OF THIS PROCUREMENT
<p>The South African Environmental Observation Network (SAEON) is a research infrastructure facility of the National Research Foundation (NRF) that undertakes long-term environmental observation and research to support policy, decision-making, and sustainable management of South Africa’s natural resources. SAEON operates across diverse ecosystems and relies on advanced monitoring technologies to collect high-quality environmental data.</p> <p>To enhance its research capabilities, SAEON seeks to appoint a service provider to supply and deliver an unmanned aerial vehicle (drone) with related accessories, a LiDAR camera system, and associated software. These tools will be used to collect high-resolution spatial and topographic data for applications in ecosystem monitoring, land cover change detection, vegetation mapping, hydrological studies, and other environmental research programmes.</p>
CONTRACT PERIOD
Once off supply
DESCRIPTION OF GOODS/DETAILED SPECIFICATION
<p>1. Unmanned Aerial Vehicle (UAV)</p> <ul style="list-style-type: none"> • Professional-grade, industrial UAV platform with: <ul style="list-style-type: none"> ○ Maximum take-off weight of approximately 9 kg. ○ Foldable arm design for rapid deployment and compact transport. ○ Minimum IP55 weather resistance rating. ○ Flight endurance of at least 50 minutes without payload in optimal conditions. ○ Multi-directional obstacle sensing and avoidance. ○ Triple-channel video transmission system with a minimum range of 15 km (line-of-sight, unobstructed). ○ Integrated GNSS module supporting GPS, GLONASS, Galileo, and BeiDou constellations. ○ Native ability to set automated flight routes. ○ A native automated safety system for obstacle avoidance. ○ Maximum wind resistance: ≥ 11 m/s. ○ In order to minimise downtime batteries must be able to be switched out whilst the UAV is powered up. ○ Battery Life Cycle: ≥ 300 charge cycles

- Native capability for integrated LiDAR and Thermal sensors.
- Active gimbal
- Available dual downward gimbal connectors
- Must be fully compatible with high-precision LiDAR payload as specified under point 2.
- Must be compatible with RTK support specified in under point 3.
- Must be supplied with a robust and durable case.
- Must have a 12 month warranty on the UAV and remote controllers.

2. LiDAR Payload

- High-precision aerial LiDAR system with:
 - Integrated 3-axis gimbal stabilization as quoted under point 1.
 - Laser wavelength in the near-infrared range suitable for topographic mapping and vegetation analysis.
 - Minimum 2 cm vertical and 5 cm horizontal absolute accuracy when used with RTK/PPK corrections.
 - Measurement range of at least 250 m at 10% reflectivity.
 - Ability to generate point clouds with > 240,000 points/sec capture rate.
 - Integrated RGB mapping camera with a sensor size of approximately 4/3" and mechanical shutter for direct colourisation of point clouds.
 - Compatibility with UAV platform (point 1) and provide a turnkey solution for 3D data collection and high-accuracy post-processing when combined with the software specified under point 5.
 - Must have a minimum of a 12-month warranty on the sensor.
 - Must be supplied with a robust carry case.

3. RTK/RTX Base station and Satellite Correction Subscription

- RTK Local base station
 - Must include a tripod-mounted GNSS base station.
 - Must provide seamless integration with the UAV RTK positioning system.
 - Must support real-time correction broadcast in RTCM 2.x / 3.x.
 - Ability to log raw GNSS data in RINEX format for post-processing workflows.
 - Internal storage capacity: ≥ 8 GB, with support for external USB/SD expansion.
 - Rugged design, minimum IP67 environmental protection rating.
- RTK/RTX Correction Service
 - Must provide an active GNSS correction subscription, valid for a minimum of 12 months from commissioning, with option to renew for at least 24 months.
 - Must deliver real-time positional corrections without dependence on mobile/cellular networks (satellite-based corrections).
 - Achieve a positioning accuracy of Horizontal: ≤ 3 cm RMS and Vertical: ≤ 5 cm RMS under normal operating conditions.
 - Must be operational across South Africa and compatible with the UAV's GNSS hardware.
 - Supplier must activate, test, and verify the subscription service before final handover of equipment.

4. Battery Charging Station & Batteries

- Intelligent battery charging station capable of charging up to 8 high-capacity flight batteries and 2 remote controller batteries.
- Station must include:
 - Smart charging modes (e.g., storage mode, quick charge).
 - Integrated battery health monitoring and firmware updating capability.
 - Rugged transport case design with integrated wheels and handles for field mobility.
- Supply 8 UAV-compatible high-capacity flight batteries providing at least 40 minutes flight time per battery under nominal payload conditions.
- Supply 2 remote controller batteries.
- Battery charging station and batteries must have a 12-month warranty or 200 cycles.

5. LiDAR Data Processing Software

- Perpetual license for LiDAR processing software capable of:
 - Import and processing of LiDAR data from the specified UAV payload.
 - Automatic and manual point cloud classification (ground, vegetation, buildings).
 - DEM/DSM generation and contour extraction.
 - Georeferenced 3D model generation.
- Must be compatible with RTK/RTX corrected datasets.
- **Supply all manuals, warranties, and proof that company is an approved supplier from the Original Equipment manufacturers.**
- **Delivery will be to the Grasslands Node, 1 Peter Brown Drive, Pietermaritzburg, 3201**

SETS OF QUOTATION DOCUMENTS REQUIRED

Number of ORIGINAL bid documents for contract signing

1

Bidders must submit the above number of original documents in electronic format (email) to the NRF. These serve as the original sets for the legal bid document and upon award, signature and serve as the legal contract document between the bidder and the NRF.

RETURNABLE DOCUMENTS CHECKLIST

The bidder is to complete this table and to supply the necessary page references to the supporting documentation. **A bidder failing to adequately provide any of the mandatory documents will be disqualified.**

Legislative/Technical Documents

Compliance

(M – Mandatory); (O – Optional); (A- Administrative)	Submitted		Bid Section Reference	Reference to Bidder's document
Bidder Eligibility				
Procurement Invitation (SBD 1), signed and completed including the SBD 4, 6.1 and signed Bid Submission Certificate form.	A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Pages 1-30	
Proof of authority must be submitted e.g. company resolution	A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Page 7	
Proof of Registration on the Government's Central Supplier Database (CSD).	A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Page 5	
A valid B-BBEE certificate or Sworn Affidavit	O	<input type="checkbox"/> Yes <input type="checkbox"/> No	Pages 23-28	
<u>Specification Eligibility</u>				
Data sheet, manual or brochure on UAV including warranty.	M	<input type="checkbox"/> Yes <input type="checkbox"/> No	Page 10-12	
Data sheet, manual or brochure on LiDAR payload including warranty.	M	<input type="checkbox"/> Yes <input type="checkbox"/> No	Page 10-12	
Data sheet, manual or brochure on RTK/RTX base station and Satellite Correction Subscription	M	<input type="checkbox"/> Yes <input type="checkbox"/> No	Page 10-12	
Data sheet, manual or brochure on Battery charging station and batteries, including warranty.	M	<input type="checkbox"/> Yes <input type="checkbox"/> No	Page 10-12	
Data sheet, manual or brochure on software	M	<input type="checkbox"/> Yes <input type="checkbox"/> No	Page 10-12	
Proof that company is an authorised supplier from OEM	M	<input type="checkbox"/> Yes <input type="checkbox"/> No	Page 10-12	

(M – Mandatory); (O – Optional); (A- Administrative)	Submitted	Bid Section Reference	Reference to Bidder's document
Pricing Documents	Compliance		
Pricing (SBD 3.1) in this document to be completed.	M	<input type="checkbox"/> Yes <input type="checkbox"/> No	Pages 14-17

ELIGIBILITY CRITERIA (GO/NO-GO)				
Selection Element		Meet Specification Minimum	Bid Section Reference	Reference to Bidder's document
1	Fully completed Procurement Invitation (SBD 1) including the SBD 4, 6.1 and signed Bid Submission Certificate form.	<input type="checkbox"/> YES <input type="checkbox"/> NO	Pages 1-30	
2	Fully completed pricing schedule (SBD 3.1)	<input type="checkbox"/> YES <input type="checkbox"/> NO	Documents' Due diligence Returnable of Eligibility on page	
3	Detailed specifications provided on the quotation have met the scope of work required.	<input type="checkbox"/> YES <input type="checkbox"/> NO	Detailed Specifications.	

SBD 3.1: PRICING DETAIL	
Pricing Special Conditions	
1	Pricing Schedule: In terms of <u>General Conditions of contract clause 17.1</u> , the price schedule remains unchanged for the duration of the contract with the NRF accepting no changes, extensions, or

SBD 3.1: PRICING DETAIL	
	additional ad hoc costs to the pricing conditions of the contract with the exception of any price adjustments authorised in the Special Conditions of Contract for pricing set out below:
2	<u>Firm Quantities over the Contract Period:</u> The NRF requires firm set quantities during the current period with the time of delivery being determined during the contract period.
3	<u>Estimated quantities over the Contract Period:</u> The NRF may require further quantities during the current period with the actual quantity and time of delivery being determined when such quantities are needed. For bidding purposes and to establish the contract ceiling price, the NRF provides estimated quantities of what its requirements and estimated timing during the contract period for bidders to establish their pricing. The NRF does not provide guarantees or commitments that it will order this entire amount during the contract's life. The NRF, through the signed contract, guarantees its procurement of the specified goods and/or services is from the contracted party only.
4	<u>Placement of written purchase orders for actual quantities ordered:</u> The NRF manages the execution of this contract through the issue of written purchase orders – stipulating quantity, description, delivery date, and the unit price as set out in this contract - for the contracted supplies. The NRF, when issuing the written purchase order, guarantees that the funding is available.
5	<u>Contract Ceiling Price:</u> With these estimates in the bid contract, the contract ceiling price includes both the firm quantities and the potential future quantities within the contract ceiling price. The NRF manages the contract within the contract ceiling price by paying only for the verified deliveries/performances in terms of the clauses of this contract. The cumulative value of each of these invoices at the expiry of the contract is the actual total contract price.
6	<u>Price Adjustments:</u> In terms of <u>General Conditions of Contract clause 17.1</u> , the price adjustments with the rules for application are set out below as special conditions of <u>Contract Clause 17.1</u> . <u>Price adjustments and their corresponding rules are for the management of price risks on the basis of the NRF and the contracted bidder sharing the risk equally.</u>
7	<u>Price quoted</u> is South African Rands in terms of General Conditions of contract clause 16.4
8	<u>Price Quotation Basis</u> Price quoted is fully inclusive of all costs including delivery to the specified NRF price delivery point and includes value- added tax, income tax, unemployment insurance fund contributions, and skills development levies in terms of General Conditions of contract clauses 12,

SBD 3.1: PRICING DETAIL	
	32.1 and 32.2. <u>Price Delivery Point:</u> In cases where different delivery points influence the pricing, the bidder submits a separate pricing schedule for each delivery point.
9	<u>Detail Pricing Support:</u> Detailed information e.g. costed bill of quantities is optional where not stated in the price schedule below and is provided as an annexure to the details included in this SBD 3
10	<u>Application of Preference Points:</u> Pricing is subject to the addition of Preference Points as stipulated below - Standard Bidding Document 6.1 Preference claim form.

PRICING SCHEDULE 3.1				
DESCRIPTION (Refer to specification)		QTY	UNIT OF MEASURE	TOTAL PRICE
1.	Drone Unmanned Aerial Vehicle (UAV	1		
2.	LiDAR Payload	1		
3.	RTK/RTX Base station and Satellite Correction Subscription	1		
4.	Battery Charging Station	1		
5.	High-capacity flight batteries	8		
6.	Remote controller batteries.	2		
7.	LiDAR Data Processing Software	1		
8.	Delivery: Grasslands Node, 1 Peter Brown Drive, Pietermaritzburg, 3201	Once-off		
TOTAL PRICE EXCLUDING VAT				R
VAT				R

DESCRIPTION (Refer to specification)	QTY	UNIT OF MEASURE	TOTAL PRICE
TOTAL CONTRACT INCLUDING VAT (CEILING PRICE)			R

GENERAL CONDITIONS OF CONTRACT

The National Research Foundation cannot amend the National Treasury's General Conditions of Contract (GCC). The National Research Foundation therefore appends Special Conditions of Contract (SCC) providing specific information relevant to a GCC clause to its the National Treasury's General Conditions of Contract The National Research Foundation has filed its General Conditions of Contract GCC) on its website (<http://www.nrf.ac.za/procurement/General-Conditions-of-Contract>). These form part of this document's contract conditions. Special Conditions specific to this bid contract are set out in this document.

The NRF deems the bidders to have accessed and read the General Conditions of Contract. Whenever there is an unintended conflict, the provisions of the Special Conditions of Contract shall prevail over the General Conditions of Contract.

SPECIAL CONDITIONS OF CONTRACT

(AMENDMENTS TO SPECIFIC CLAUSES OF THE GENERAL CONDITIONS OF CONTRACT LISTED BELOW EACH CLAUSE IN THAT SECTION).

1 Service Provider Obligations:

The service provider must exercise reasonable skill, care and diligence in rendering all services included in this procurement contract.

The service provider must deliver the services during normal working hours (i.e. Monday to Friday, excluding public holidays from 08h30 to 17h00) and/or such additional hours as may be reasonably required by the NRF due to the existence of special circumstances. Services rendered outside of these hours will only be rendered by mutual agreement with the nominated person of the NRF, based on severity level.

The service provider may not do anything that may prejudice or be adverse to the operations and

SPECIAL CONDITIONS OF CONTRACT

functions of the NRF

The service provider must submit such information and reports, as specified in the agreed service request, to the person nominated by the NRF, and comply with all legislation applicable in providing these services.

The service provider corresponds and delivers services only to the NRF and end users of the NRF.

- 2 **Communication:** The contracted parties communicate in writing through mail, delivery, or email. The contracted party states the contract number and purchase order number, if the latter is applicable, on communication documentation. The contract party does not act upon any communication without the contract number or must verify such communication with the assigned NRF contract manager prior to acting upon it.

- 3 **Occupational Health and Safety when working on NRF sites:** All personnel performing work on NRF site/s as part of this contract are responsible to obtain safety induction.

Over and above the obligations provided by the Occupational Health and Safety Act (OHS Act No 85 of 1993 and its Regulations, known as 'the Act'), the contracted party meets with all relevant health and safety instructions as given to them by site safety personnel, where relevant. Personal protection equipment including closed safety shoes, hard hats, height safety equipment, and high visibility vests are worn at all times while on the work site. All personnel are to obey the relevant instructions, including signage, related to restricted access and speed limits on all sites.

The contracted party, once signing the contract (SBD 7), is responsible for itself, its employees, and those people affected by its operations in terms of the Act the regulations promulgated in terms thereof. The contracted party performs all work and uses equipment on site complying with the provisions of the Act.

To this end, the contracted party shall make available to the NRF the valid Letter of Good Standing in terms of the COID Act and ensure its validity does not expire while executing this bid, where applicable. The contracted party furnishes its registration number with the office of the Compensation Commissioner. The contracted party enters into a Section 37.2 agreement in terms of Occupational Health and Safety Act (OHS Act No 85 of 1993 and its Regulations) that the NRF drafts.

SPECIAL CONDITIONS OF CONTRACT

The contracted party maintains a health and safety plan complying with the requirements of The Act at the work site during the period that contracted work takes place on the site.

The NRF manages the contracted party in his capacity for the execution of this contract to meet the provisions of the said Act and the regulations promulgated in terms thereof. The contracted party accepts liability for any contraventions to the Act. Each member of the contracted party's team (including sub-contracted personnel), submit a signed indemnity form prior to entering the work site and kept in the contracted party's health and safety file.

MANAGEMENT OF PERFORMANCE LEVELS

The Performance Levels are in the table below.

1. The NRF measures the contracted bidder's performance against these performance levels in the execution of the contract.
2. The contracted bidder recognises that its failure to meet the performance levels has a material and adverse impact on the operations of NRF and that the damages from the contracted bidder's failure to meet any performance level is not susceptible to precise determination.
3. The NRF excuses the contracted bidder from failing to comply with the performance levels to the extent that non-performance or delayed performance is solely and directly attributable to an act or omission of the NRF or its staff or circumstances of force majeure as referred to in this Agreement.
4. If the contracted bidder fails to meet any performance level:
 1. the contracted bidder shall investigate and report on the root causes of the performance level failure; promptly correct the failure and begin meeting the set performance levels;
 2. advise the NRF as and to the extent requested by the NRF of the status of remedial efforts being undertaken with respect to such performance level failure; and
 3. take appropriate preventative measures to prevent the recurrence of the performance level failure.
5. Both parties are responsible for monitoring and measuring the performance of the contracted bidder against the performance levels set in this document. The NRF deems failure by the contracted bidder to measure performance with respect to the contract specifications for any measurement period, as a failure to meet the stipulated performance levels.

MANAGEMENT OF PERFORMANCE LEVELS		
PERFORMANCE LEVELS STATEMENT		
Service/Goods being Measured	Measurement Methodology	Penalty/Bonus and level applicable from
Supply and delivery of UAV, LiDAR sensor and batteries and battery charging case.	Check the completeness of the delivery against the Purchase order.	No completion certificate or invoice will be approved and paid if the delivery is not satisfactory.

SBD 4 BIDDER'S DISCLOSURE	
1.	<p>PURPOSE OF THE FORM</p> <p>Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.</p> <p>Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.</p>
2.	<p>Bidder's declaration</p> <p>2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise,</p> <p>employed by the state? YES/NO</p> <p>2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.</p>

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

Full Name	Identity Number	Name of State institution

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

2.2.1 If so, furnish particulars:

.....
.....

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

2.3.1 If so, furnish particulars:

.....

.....

3 DECLARATION

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

3.1 I have read and I understand the contents of this disclosure;

3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;

3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.

3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.

3.4 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.

3.6 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for

² Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

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.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....

Signature

Date

.....

Position

Name of bidder

PREFERENCE POINTS CLAIMED (SBD 6.1)

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

1. GENERAL CONDITIONS

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

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

PREFERENCE POINTS CLAIMED (SBD 6.1)

1.2 Preference point system

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

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

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

(a) Price; and

(b) Specific Goals.

1.4 Allocated preference points

The maximum points for this tender are allocated as follows:

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	20
Total points for Price and SPECIFIC GOALS	100

- Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.
- The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

PREFERENCE POINTS CLAIMED (SBD 6.1)

4. DEFINITIONS

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

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1 POINTS AWARDED FOR PRICE

3.1.1 THE 80/20 PREFERENCE POINT SYSTEMS

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

80/20

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

Where

Ps = Points scored for price of tender under consideration

PREFERENCE POINTS CLAIMED (SBD 6.1)

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

4.1 In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:

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

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

Tenderer to submit a valid BBBEE certificate in order to earn points on specific goals. Failure to submit a valid BBBEE certificate, the bidder will not be allocated points for specific goals.

The BBBEE allocated points in terms of this tender	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)
1	20	
2	18	
3	14	
4	12	
5	8	
6	6	
7	4	

PREFERENCE POINTS CLAIMED (SBD 6.1)

8	2	
Non-compliant	0	

DECLARATION WITH REGARD TO COMPANY/FIRM

4.2 Name of company/firm.....

4.3 Company registration number:

4.4 TYPE OF COMPANY/ FIRM

☐ Partnership/Joint Venture / Consortium

☐ One-person business/sole propriety

☐ Close corporation

☐ Public Company

☐ Personal Liability Company

☐ (Pty) Limited

☐ Non-Profit Company

☐ State Owned Company

[TICK APPLICABLE BOX]

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

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the

PREFERENCE POINTS CLAIMED (SBD 6.1)

contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;

- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
- (a) disqualify the person from the tendering process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution, if deemed necessary.

.....

SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME:

DATE:

ADDRESS:

.....

.....

.....

BID SUBMISSION CERTIFICATE FORM - (SBD 1)

I hereby undertake to supply all or any of the goods, works, and services described in this procurement invitation to the NRF in accordance with the requirements and specifications stipulated in this Bid Invitation document at the price/s quoted.

My offer remains binding upon me and open for acceptance by the NRF during the validity period indicated and calculated from the closing time of Bid Invitation.

The following documents are deemed to form and be read and construed as part of this offer / bid even where integrated in this document:

Invitation to Bid (SBD 1)	Specification(s) set out in this Quotation Invitation inclusive of any annexures thereto
Bidder's responses to this invitation as attached to this document	Pricing Schedule(s) (SBD3) including detailed schedules attached
Local Content and Local Manufacturing Certification (SBD 6.2) in accordance with the SABS standard	
Declaration of Interest (SBD4)	General Conditions of Contract and special/additional conditions of contract as set out in this document
Preference (SBD 6.1) claims for Broad Based Black Economic Empowerment Status Level of Contribution, supported by a valid certified BBBEE certificate.	

I confirm that I have satisfied myself as to the correctness and validity of my offer / bid in response to this Bid Invitation; that the price(s) and rate(s) quoted cover all the goods, works and services specified in the Bid Invitation and cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk.

I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me in terms of this Bid Invitation as the principal liable for the due fulfilment of the subsequent contract if awarded to me.

I declare that I have had no participation in any collusive practices with any Bidder or any other person regarding this or any other Bid.

I certify that the information furnished in these declarations (SBD 3, SBD 4, SBD 6.1 and SBD 6.2 (if applicable))

is correct and I accept that the NRF may reject the Bid or act against me should these declarations prove to be false.

I confirm that I am duly authorised to sign this offer/ bid response.

NAME (PRINT)	
CAPACITY	
SIGNATURE	
WITNESS 1	
NAME	
SIGNATURE	
WITNESS 2	
NAME	
SIGNATURE	
DATE	