

Bid Number : SAWS-267/21

Appointment of a Service provider to provide solar radiation measuring equipment to the South African Weather Service.

Closing Date and Time: 11h00 on 22 March 2022

Validity Period: 60 days from closing date of bid

BRIEFING SESSION

Date:	N/A
Time:	N/A
Venue:	N/A
Compulsory:	N/A

BID DOCUMENTS MUST BE DEPOSITED IN THE BID BOX WHICH IS SITUATED AT:

South African Weather Service
Eco Glades Block 1B
Cnr. Olievenhoutbosch and Ribbon Grass Streets
Centurion, 0157

ENQUIRIES:

Any clarification required by a bidder regarding the meaning or interpretation of the document or any aspect concerning the submission is to be requested **in writing** from:

SCM: Acquisition Department
South African Weather Service
Email: bids@weathersa.co.za

Any enquiries relating to this bid must be submitted on/or before: 11 March 2022

The South African Weather Service (SAWS) will respond to enquiries on/or before: 14 March 2022

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PART A INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF SOUTH AFRICAN WEATHER SERVICE

1 SUPPLIER INFORMATION

The following section must be completed by the bidder. Failure to do so may result in the offer being rejected.

NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	[TICK APPLICABLE BOX] ☐ Yes ☐ No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT		[TICK APPLICABLE BOX] ☐ Yes ☐ No
[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE / SWORN AFFIDAVIT (FOR EMES & QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]					

ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	☐Yes ☐No [IF YES ENCLOSE PROOF]	ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	☐Yes ☐No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS			
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? ☐ YES ☐ NO DOES THE ENTITY HAVE A BRANCH IN THE RSA? ☐ YES ☐ NO DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA? ☐ YES ☐ NO DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? ☐ YES ☐ NO IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION? ☐ YES ☐ NO IF THE ANSWER IS “NO” TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.			

PART B TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION

- 1.1 Bids must be delivered by the stipulated time to the correct address. Late bids will not be accepted for consideration.
- 1.2 **All bids must be submitted on the official forms provided – (not to be re-typed) or in the manner prescribed in the bid document.**
- 1.3 This bid is subject to the Preferential Procurement Policy Framework Act, 2000 and the Preferential Procurement Regulations, 2017, the General Conditions of Contract (GCC) and, if applicable, any other Special Conditions of Contract (SCC).
- 1.4 **The successful bidder will be required to fill in and sign a written contract form (SBD7).**
- 1.5 Bidders are advised to initial all pages of their bid.
- 1.6 This is a **2-Envelope** bidding process whereby bidders are required to submit the bid documentation in the following order. Should the bid allow for the Electronic Submission all documentation should preferably be submitted in PDF format. The South African Weather Service (SAWS) reserves the right to reject a bid should it not be submitted in the prescribed format.

Envelope 1 must contain the following information:

- Invitation to Bid: Annexure A
- General Conditions of Contract: Annexure B
- Declaration of Interest: Annexure C
- Declaration of bidder past Supply Chain Management practices: Annexure D
- Certificate of Independent Bid Determination: Annexure E
- Preference points claim form in terms of the Preferential Procurement Regulations, 2017 accompanied by the B-BEE Certificate: Annexure F
- Pricing Schedule/s and Financial Proposal/s: Annexure G's

Bidders must include in Envelope 1 a flash disk (memory stick) of all the documentation, preferably in pdf format, of the documents included in Envelope 1 as well as the documents in Envelope 2.

Envelope 2 must contain the following information:

- Specifications / Terms of Reference, Annexure H, together with the bidder's response to Annexure H (Technical Proposal).

Information that must appear on the outside of each envelope:

- Envelope 1 : Financial Proposal
 - Bid / RFQ Number e.g. SAWS-987 / 20
 - Closing Date of bid e.g. 5 November 2030

- Name of bidder e.g. XYZ Enterprises CC
- Contact Person e.g. J. Doe
- Contact number e.g. 012 555 5555

- Envelope 2 : Technical Proposal
 - Bid / RFQ Number e.g. SAWS-987 / 20
 - Closing Date of bid e.g. 5 November 2020
 - Name of bidder e.g. XYZ Enterprises CC
 - Contact Person e.g. J. Doe
 - Contact number e.g. 012 555 5555

1.7 The South African Weather Service (SAWS) is not bound to accept any of the offers submitted and reserves the right to:

- 1.7.1 Reject bids that are not according to Specifications / Terms of Reference;
- 1.7.2 Reject bids with incomplete standard bidding documents (SBD's);
- 1.7.3 Request further information from any bidder after the closing date of the bid for clarity purposes;
- 1.7.4 Conduct site inspection/s to verify the infrastructure of bidders before final selection and award;
- 1.7.5 Not to award the bid if the bid price is not market related;
- 1.7.6 Not to award the bid to a bidder whose tax matters have not been declared by the SARS to be in order;
- 1.7.7 Negotiate a market related price with the preferred bidder as per Regulation 6.(9)(a,b & c) of the Preferential Procurement Regulations, 2017 which was issued in terms of section 5 of the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000);
- 1.7.8 Reject a bid if the bidder has committed a proven corrupt or fraudulent act in competing for any contract;
- 1.7.9 Conduct reference / background checks on bidders and / or individuals to, among other things, verify information provided by a bidder, confirm a firm's existence and track record, identify its owners and affiliations or verify an individual's educational and professional credentials.

1.8 The South African Weather Service may, prior to award of the bid, cancel the bid if:

- 1.8.1 Due to changed circumstances, there is no longer a need for the goods or services requested;
- 1.8.2 Funds are no longer available to cover the total envisaged expenditure;
- 1.8.3 No acceptable tenders are received;
- 1.8.4 Due to material irregularities in the tender process.

1.9 Any effort or attempt by a bidder to influence the award decision in any matter may result in the rejection of the bid.

1.10 Costs incurred by the bidder in respect of attending any briefing / information / site visit / presentation will be borne by the bidder and the South African Weather Service will not be liable to

reimburse such costs incurred by the bidder or his/her representative/s.

- 1.11 Cost incurred by the bidder in preparing and submission of any bid proposal will be borne by the bidder and the South African Weather Service will not be liable to reimburse such costs incurred by the bidder or his/her representative/s.
- 1.12 The South African Weather Service shall on receipt of any proposal relating to this bid become the owner thereof and shall not be obliged to return any proposal.
- 1.13 The bidders shall indemnify the South African Weather Service against all third-party claims of infringement of patent, trademark, or industrial design rights arising from the use of the goods or any part thereof by the South African Weather Service.
- 1.14 The South African Weather Service reserves the right to request a bidder's latest audited financial statements prior to the award of the bid in order to ascertain financial stability of the bidder. Failure by a bidder to provide such information upon request may result in the rejection of the bid submitted by the bidder.
- 1.15 Subcontracting: Tenderers or contractors must submit proof of subcontracting between the main tenderer and the subcontractor. Proof of subcontracting arrangement may include a subcontracting agreement between the main tenderer and the subcontractor.
- 1.16 The SAWS reserves the right to request final presentation only to the short listed bidders to the evaluation committee. The shortlisted service providers will be subjected to present their service offering in line with the bid requirements/scope of work. The SAWS might also conduct site visit to ensure the firm existence and validate the firm's proposed capacity/employees and administration office.
- 1.17 The service provider must have duly approved operational premises with the necessary infrastructure to provide services and relevant accreditation by the relevant body. Before the awarding of the tender a due diligence site visit will be carried out at the premises of the service provider.
- 1.18 Supplier Performance Management is viewed by the SAWS as critical component in ensuring value for money acquisition and good supplier relations between the SAWS and all its suppliers. The successful bidders shall upon receipt of written notification of an award, be required to conclude a SLA with the SAWS, which will form an integral part of the supply agreement. The SLA will serve as a tool to measure, monitor and assess the supplier's performance level and ensure effective delivery of service, quality and value-add to SAWS's business. Successful bidders are required to comply with the above condition, and also provide a scorecard on how their product / service offering is being measured to achieve the objectives of this condition.
- 1.19 The SAWS respects your privacy and acknowledge that your submission/s will contain personal details, which may belong to you, others and / or to your company (Personal Information). By sending us your submissions, you expressly give us consent to process and further process the Personal Information contained therein which processing will be done in accordance with POPIA, the SAWS POPIA policy and our standard section 18 informed consent documentation which sets out why we need the Personal Information, what we will do with it, and who we will share it with, which you are to familiarise yourself with by downloading it from our website i.e. www.weathersa.co.za

- 1.20 Unless stated otherwise in this Bid or as mutually agreed upon by both parties prior to award of the Bid, all payments due to creditors for goods delivered / services rendered will be settled within thirty (30) days from receipt of an invoice.

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 the South African Revenue Service (SARS) to enable the South African Weather Service to verify the taxpayer's (Bidder's) profile and tax status.
- 2.3 Application for a 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 Tax Compliance Status (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 Pin 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.
- 2.8 Foreign suppliers with neither South African tax obligations nor history of doing business in South Africa must complete the questionnaire on page 2 and 3 of Annexure A. In instances where a recommendation for award of a bid will be made to a foreign bidder, the South African Weather Service will submit the bidders completed Annexure A bid document to the South African Revenue Service. The South African Revenue Service will then issue a confirmation of tax obligations letter to the South African Weather Service confirming whether or not the foreign entity has tax obligations in South Africa.

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

PART C
DECLARATION BY BIDDER

I, in my capacity as
..... hereby declare that I have read and
understood the contents and conditions of this bid and certify that the information furnished is true
and correct. I accept that, in addition to cancellation of a contract, action may be taken against me
should the information provided prove to be false.

Signature:

Date:

Annexure B

General Conditions of Contract

THE NATIONAL TREASURY

Republic of South Africa



GOVERNMENT PROCUREMENT: GENERAL CONDITIONS OF CONTRACT

July 2010

GOVERNMENT PROCUREMENT
GENERAL CONDITIONS OF CONTRACT
July 2010

NOTES

The purpose of this document is to:

- (i) Draw special attention to certain general conditions applicable to government bids, contracts and orders; and
- (ii) To ensure that clients be familiar with regard to the rights and obligations of all parties involved in doing business with government.

In this document words in the singular also mean in the plural and vice versa and words in the masculine also mean in the feminine and neuter.

☐ The General Conditions of Contract will form part of all bid documents and may not be amended.

☐ Special Conditions of Contract (SCC) relevant to a specific bid, should be compiled separately for every bid (if applicable) and will supplement the General Conditions of Contract. Whenever there is a conflict, the provisions in the SCC shall prevail.

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General Conditions of Contract

1. Definitions

1. The following terms shall be interpreted as indicated:
 - 1.1 “Closing time” means the date and hour specified in the bidding documents for the receipt of bids.
 - 1.2 “Contract” means the written agreement entered into between the purchaser and the supplier, as recorded in the contract form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
 - 1.3 “Contract price” means the price payable to the supplier under the contract for the full and proper performance of his contractual obligations.
 - 1.4 “Corrupt practice” means the offering, giving, receiving, or soliciting of any thing of value to influence the action of a public official in the procurement process or in contract execution.
 - 1.5 "Countervailing duties" are imposed in cases where an enterprise abroad is subsidized by its government and encouraged to market its products internationally.
 - 1.6 “Country of origin” means the place where the goods were mined, grown or produced or from which the services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembly of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.
 - 1.7 “Day” means calendar day.
 - 1.8 “Delivery” means delivery in compliance of the conditions of the contract or order.
 - 1.9 “Delivery ex stock” means immediate delivery directly from stock actually on hand.
 - 1.10 “Delivery into consignees store or to his site” means delivered and unloaded in the specified store or depot or on the specified site in compliance with the conditions of the contract or order, the supplier bearing all risks and charges involved until the supplies are so delivered and a valid receipt is obtained.
 - 1.11 "Dumping" occurs when a private enterprise abroad market its goods on own initiative in the RSA at lower prices than that of the country of origin and which have the potential to harm the local industries in the

RSA.

- 1.12 "Force majeure" means an event beyond the control of the supplier and not involving the supplier's fault or negligence and not foreseeable. Such events may include, but is not restricted to, acts of the purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- 1.13 "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any bidder, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the bidder of the benefits of free and open competition.
- 1.14 "GCC" means the General Conditions of Contract.
- 1.15 "Goods" means all of the equipment, machinery, and/or other materials that the supplier is required to supply to the purchaser under the contract.
- 1.16 "Imported content" means that portion of the bidding price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or his subcontractors) and which costs are inclusive of the costs abroad, plus freight and other direct importation costs such as landing costs, dock dues, import duty, sales duty or other similar tax or duty at the South African place of entry as well as transportation and handling charges to the factory in the Republic where the supplies covered by the bid will be manufactured.
- 1.17 "Local content" means that portion of the bidding price which is not included in the imported content provided that local manufacture does take place.
- 1.18 "Manufacture" means the production of products in a factory using labour, materials, components and machinery and includes other related value-adding activities.
- 1.19 "Order" means an official written order issued for the supply of goods or works or the rendering of a service.
- 1.20 "Project site," where applicable, means the place indicated in bidding documents.
- 1.21 "Purchaser" means the organization purchasing the goods.
- 1.22 "Republic" means the Republic of South Africa.
- 1.23 "SCC" means the Special Conditions of Contract.
- 1.24 "Services" means those functional services ancillary to the supply of the goods, such as transportation and any other incidental services, such as installation, commissioning, provision of technical assistance, training, catering, gardening, security, maintenance and other such

obligations of the supplier covered under the contract.

1.25 “Written” or “in writing” means handwritten in ink or any form of electronic or mechanical writing.

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| 2. Application | <p>2.1 These general conditions are applicable to all bids, contracts and orders including bids for functional and professional services, sales, hiring, letting and the granting or acquiring of rights, but excluding immovable property, unless otherwise indicated in the bidding documents.</p> <p>2.2 Where applicable, special conditions of contract are also laid down to cover specific supplies, services or works.</p> <p>2.3 Where such special conditions of contract are in conflict with these general conditions, the special conditions shall apply.</p> |
| 3. General | <p>3.1 Unless otherwise indicated in the bidding documents, the purchaser shall not be liable for any expense incurred in the preparation and submission of a bid. Where applicable a non-refundable fee for documents may be charged.</p> <p>3.2 With certain exceptions, invitations to bid are only published in the Government Tender Bulletin. The Government Tender Bulletin may be obtained directly from the Government Printer, Private Bag X85, Pretoria 0001, or accessed electronically from www.treasury.gov.za</p> |
| 4. Standards | <p>4.1 The goods supplied shall conform to the standards mentioned in the bidding documents and specifications.</p> |
| 5. Use of contract documents and information; inspection. | <p>5.1 The supplier shall not, without the purchaser’s prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the purchaser in connection therewith, to any person other than a person employed by the supplier in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.</p> <p>5.2 The supplier shall not, without the purchaser’s prior written consent, make use of any document or information mentioned in GCC clause 5.1 except for purposes of performing the contract.</p> <p>5.3 Any document, other than the contract itself mentioned in GCC clause 5.1 shall remain the property of the purchaser and shall be returned (all copies) to the purchaser on completion of the supplier’s performance under the contract if so required by the purchaser.</p> <p>5.4 The supplier shall permit the purchaser to inspect the supplier’s records relating to the performance of the supplier and to have them audited by auditors appointed by the purchaser, if so required by the purchaser.</p> |
| 6. Patent rights | <p>6.1 The supplier shall indemnify the purchaser against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the goods or any part thereof by the purchaser.</p> |

7. Performance security

- 7.1 Within thirty (30) days of receipt of the notification of contract award, the successful bidder shall furnish to the purchaser the performance security of the amount specified in SCC.
- 7.2 The proceeds of the performance security shall be payable to the purchaser as compensation for any loss resulting from the supplier's failure to complete his obligations under the contract.
- 7.3 The performance security shall be denominated in the currency of the contract, or in a freely convertible currency acceptable to the purchaser and shall be in one of the following forms:
- (a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the purchaser's country or abroad, acceptable to the purchaser, in the form provided in the bidding documents or another form acceptable to the purchaser; or
 - (b) a cashier's or certified cheque
- 7.4 The performance security will be discharged by the purchaser and returned to the supplier not later than thirty (30) days following the date of completion of the supplier's performance obligations under the contract, including any warranty obligations, unless otherwise specified in SCC.

8. Inspections, tests and analyses

- 8.1 All pre-bidding testing will be for the account of the bidder.
- 8.2 If it is a bid condition that supplies to be produced or services to be rendered should at any stage during production or execution or on completion be subject to inspection, the premises of the bidder or contractor shall be open, at all reasonable hours, for inspection by a representative of the Department or an organization acting on behalf of the Department.
- 8.3 If there are no inspection requirements indicated in the bidding documents and no mention is made in the contract, but during the contract period it is decided that inspections shall be carried out, the purchaser shall itself make the necessary arrangements, including payment arrangements with the testing authority concerned.
- 8.4 If the inspections, tests and analyses referred to in clauses 8.2 and 8.3 show the supplies to be in accordance with the contract requirements, the cost of the inspections, tests and analyses shall be defrayed by the purchaser.
- 8.5 Where the supplies or services referred to in clauses 8.2 and 8.3 do not comply with the contract requirements, irrespective of whether such supplies or services are accepted or not, the cost in connection with these inspections, tests or analyses shall be defrayed by the supplier.
- 8.6 Supplies and services which are referred to in clauses 8.2 and 8.3 and which do not comply with the contract requirements may be rejected.
- 8.7 Any contract supplies may on or after delivery be inspected, tested or

analyzed and may be rejected if found not to comply with the requirements of the contract. Such rejected supplies shall be held at the cost and risk of the supplier who shall, when called upon, remove them immediately at his own cost and forthwith substitute them with supplies which do comply with the requirements of the contract. Failing such removal the rejected supplies shall be returned at the suppliers cost and risk. Should the supplier fail to provide the substitute supplies forthwith, the purchaser may, without giving the supplier further opportunity to substitute the rejected supplies, purchase such supplies as may be necessary at the expense of the supplier.

8.8 The provisions of clauses 8.4 to 8.7 shall not prejudice the right of the purchaser to cancel the contract on account of a breach of the conditions thereof, or to act in terms of Clause 23 of GCC.

9. Packing

9.1 The supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing, case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

9.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the purchaser.

10. Delivery and documents

10.1 Delivery of the goods shall be made by the supplier in accordance with the terms specified in the contract. The details of shipping and/or other documents to be furnished by the supplier are specified in SCC.

10.2 Documents to be submitted by the supplier are specified in SCC.

11. Insurance

11.1 The goods supplied under the contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in the SCC.

12. Transportation

12.1 Should a price other than an all-inclusive delivered price be required, this shall be specified in the SCC.

13. Incidental services

13.1 The supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:

- (a) performance or supervision of on-site assembly and/or commissioning of the supplied goods;
- (b) furnishing of tools required for assembly and/or maintenance of the supplied goods;
- (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods;

- (d) performance or supervision or maintenance and/or repair of the supplied goods, for a period of time agreed by the parties, provided that this service shall not relieve the supplier of any warranty obligations under this contract; and
- (e) training of the purchaser's personnel, at the supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied goods.

13.2 Prices charged by the supplier for incidental services, if not included in the contract price for the goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the supplier for similar services.

14. Spare parts

14.1 As specified in SCC, the supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the supplier:

- (a) such spare parts as the purchaser may elect to purchase from the supplier, provided that this election shall not relieve the supplier of any warranty obligations under the contract; and
- (b) in the event of termination of production of the spare parts:
 - (i) Advance notification to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements; and
 - (ii) following such termination, furnishing at no cost to the purchaser, the blueprints, drawings, and specifications of the spare parts, if requested.

15. Warranty

15.1 The supplier warrants that the goods supplied under the contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the contract. The supplier further warrants that all goods supplied under this contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the purchaser's specifications) or from any act or omission of the supplier, that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination.

15.2 This warranty shall remain valid for twelve (12) months after the goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise in SCC.

15.3 The purchaser shall promptly notify the supplier in writing of any claims arising under this warranty.

15.4 Upon receipt of such notice, the supplier shall, within the period specified in SCC and with all reasonable speed, repair or replace the defective goods or parts thereof, without costs to the purchaser.

15.5 If the supplier, having been notified, fails to remedy the defect(s) within the period specified in SCC, the purchaser may proceed to take

such remedial action as may be necessary, at the supplier's risk and expense and without prejudice to any other rights which the purchaser may have against the supplier under the contract.

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| 16. Payment | <p>16.1 The method and conditions of payment to be made to the supplier under this contract shall be specified in SCC.</p> <p>16.2 The supplier shall furnish the purchaser with an invoice accompanied by a copy of the delivery note and upon fulfillment of other obligations stipulated in the contract.</p> <p>16.3 Payments shall be made promptly by the purchaser, but in no case later than thirty (30) days after submission of an invoice or claim by the supplier.</p> <p>16.4 Payment will be made in Rand unless otherwise stipulated in SCC.</p> |
| 17. Prices | <p>17.1 Prices charged by the supplier for goods delivered and services performed under the contract shall not vary from the prices quoted by the supplier in his bid, with the exception of any price adjustments authorized in SCC or in the purchaser's request for bid validity extension, as the case may be.</p> |
| 18. Contract amendments | <p>18.1 No variation in or modification of the terms of the contract shall be made except by written amendment signed by the parties concerned.</p> |
| 19. Assignment | <p>19.1 The supplier shall not assign, in whole or in part, its obligations to perform under the contract, except with the purchaser's prior written consent.</p> |
| 20. Subcontracts | <p>20.1 The supplier shall notify the purchaser in writing of all subcontracts awarded under this contracts if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the supplier from any liability or obligation under the contract.</p> |
| 21. Delays in the supplier's performance | <p>21.1 Delivery of the goods and performance of services shall be made by the supplier in accordance with the time schedule prescribed by the purchaser in the contract.</p> <p>21.2 If at any time during performance of the contract, the supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the goods and performance of services, the supplier shall promptly notify the purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the supplier's notice, the purchaser shall evaluate the situation and may at his discretion extend the supplier's time for performance, with or without the imposition of penalties, in which case the extension shall be ratified by the parties by amendment of contract.</p> <p>21.3 No provision in a contract shall be deemed to prohibit the obtaining of supplies or services from a national department, provincial department, or a local authority.</p> <p>21.4 The right is reserved to procure outside of the contract small quantities or to have minor essential services executed if an emergency arises, the</p> |

supplier's point of supply is not situated at or near the place where the supplies are required, or the supplier's services are not readily available.

21.5 Except as provided under GCC Clause 25, a delay by the supplier in the performance of its delivery obligations shall render the supplier liable to the imposition of penalties, pursuant to GCC Clause 22, unless an extension of time is agreed upon pursuant to GCC Clause 21.2 without the application of penalties.

21.6 Upon any delay beyond the delivery period in the case of a supplies contract, the purchaser shall, without canceling the contract, be entitled to purchase supplies of a similar quality and up to the same quantity in substitution of the goods not supplied in conformity with the contract and to return any goods delivered later at the supplier's expense and risk, or to cancel the contract and buy such goods as may be required to complete the contract and without prejudice to his other rights, be entitled to claim damages from the supplier.

22. Penalties

22.1 Subject to GCC Clause 25, if the supplier fails to deliver any or all of the goods or to perform the services within the period(s) specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, as a penalty, a sum calculated on the delivered price of the delayed goods or unperformed services using the current prime interest rate calculated for each day of the delay until actual delivery or performance. The purchaser may also consider termination of the contract pursuant to GCC Clause 23.

23. Termination for default

23.1 The purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, may terminate this contract in whole or in part:

- (a) if the supplier fails to deliver any or all of the goods within the period(s) specified in the contract, or within any extension thereof granted by the purchaser pursuant to GCC Clause 21.2;
- (b) if the Supplier fails to perform any other obligation(s) under the contract; or
- (c) if the supplier, in the judgment of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.

23.2 In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner as it deems appropriate, goods, works or services similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar goods, works or services. However, the supplier shall continue performance of the contract to the extent not terminated.

23.3 Where the purchaser terminates the contract in whole or in part, the purchaser may decide to impose a restriction penalty on the supplier by prohibiting such supplier from doing business with the public sector for a period not exceeding 10 years.

23.4 If a purchaser intends imposing a restriction on a supplier or any

person associated with the supplier, the supplier will be allowed a time period of not more than fourteen (14) days to provide reasons why the envisaged restriction should not be imposed. Should the supplier fail to respond within the stipulated fourteen (14) days the purchaser may regard the intended penalty as not objected against and may impose it on the supplier.

23.5 Any restriction imposed on any person by the Accounting Officer / Authority will, at the discretion of the Accounting Officer / Authority, also be applicable to any other enterprise or any partner, manager, director or other person who wholly or partly exercises or exercised or may exercise control over the enterprise of the first-mentioned person, and with which enterprise or person the first-mentioned person, is or was in the opinion of the Accounting Officer / Authority actively associated.

23.6 If a restriction is imposed, the purchaser must, within five (5) working days of such imposition, furnish the National Treasury, with the following information:

- (i) the name and address of the supplier and / or person restricted by the purchaser;
- (ii) the date of commencement of the restriction
- (iii) the period of restriction; and
- (iv) the reasons for the restriction.

These details will be loaded in the National Treasury's central database of suppliers or persons prohibited from doing business with the public sector.

23.7 If a court of law convicts a person of an offence as contemplated in sections 12 or 13 of the Prevention and Combating of Corrupt Activities Act, No. 12 of 2004, the court may also rule that such person's name be endorsed on the Register for Tender Defaulters. When a person's name has been endorsed on the Register, the person will be prohibited from doing business with the public sector for a period not less than five years and not more than 10 years. The National Treasury is empowered to determine the period of restriction and each case will be dealt with on its own merits. According to section 32 of the Act the Register must be open to the public. The Register can be perused on the National Treasury website.

24. Anti-dumping and countervailing duties and rights

24.1 When, after the date of bid, provisional payments are required, or anti-dumping or countervailing duties are imposed, or the amount of a provisional payment or anti-dumping or countervailing right is increased in respect of any dumped or subsidized import, the State is not liable for any amount so required or imposed, or for the amount of any such increase. When, after the said date, such a provisional payment is no longer required or any such anti-dumping or countervailing right is abolished, or where the amount of such provisional payment or any such right is reduced, any such favourable difference shall on demand be paid forthwith by the contractor to the State or the State may deduct such amounts from moneys (if any) which may otherwise be due to the contractor in regard to supplies or services which he delivered or rendered, or is to deliver or render in terms of the contract or any other contract or any other amount which

may be due to him

25. Force
Majeure

25.1 Notwithstanding the provisions of GCC Clauses 22 and 23, the supplier shall not be liable for forfeiture of its performance security, damages, or termination for default if and to the extent that his delay in performance or other failure to perform his obligations under the contract is the result of an event of force majeure.

25.2 If a force majeure situation arises, the supplier shall promptly notify the purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the purchaser in writing, the supplier shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the force majeure event.

26. Termination
for insolvency

26.1 The purchaser may at any time terminate the contract by giving written notice to the supplier if the supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the purchaser.

27. Settlement of
Disputes

27.1 If any dispute or difference of any kind whatsoever arises between the purchaser and the supplier in connection with or arising out of the contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.

27.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the purchaser or the supplier may give notice to the other party of his intention to commence with mediation. No mediation in respect of this matter may be commenced unless such notice is given to the other party.

27.3 Should it not be possible to settle a dispute by means of mediation, it may be settled in a South African court of law.

27.4 Mediation proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

27.5 Notwithstanding any reference to mediation and/or court proceedings herein,

- (a) the parties shall continue to perform their respective obligations under the contract unless they otherwise agree; and
- (b) the purchaser shall pay the supplier any monies due the supplier.

28. Limitation of
liability

28.1 Except in cases of criminal negligence or willful misconduct, and in the case of infringement pursuant to Clause 6;
(a) the supplier shall not be liable to the purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the supplier to pay penalties and/or damages to the purchaser; and

	(b) the aggregate liability of the supplier to the purchaser, whether under the contract, in tort or otherwise, shall not exceed the total contract price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.
29. Governing language	29.1 The contract shall be written in English. All correspondence and other documents pertaining to the contract that is exchanged by the parties shall also be written in English.
30. Applicable law	30.1 The contract shall be interpreted in accordance with South African laws, unless otherwise specified in SCC.
31. Notices	31.1 Every written acceptance of a bid shall be posted to the supplier concerned by registered or certified mail and any other notice to him shall be posted by ordinary mail to the address furnished in his bid or to the address notified later by him in writing and such posting shall be deemed to be proper service of such notice 31.2 The time mentioned in the contract documents for performing any act after such aforesaid notice has been given, shall be reckoned from the date of posting of such notice.
32. Taxes and duties	32.1 A foreign supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the purchaser's country. 32.2 A local supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted goods to the purchaser. 32.3 No contract shall be concluded with any bidder whose tax matters are not in order. Prior to the award of a bid the Department must be in possession of a tax clearance certificate, submitted by the bidder. This certificate must be an original issued by the South African Revenue Services.
33. National Industrial Participation (NIP) Programme	33.1 The NIP Programme administered by the Department of Trade and Industry shall be applicable to all contracts that are subject to the NIP obligation.
34 Prohibition of Restrictive practices	34.1 In terms of section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, an agreement between, or concerted practice by, firms, or a decision by an association of firms, is prohibited if it is between parties in a horizontal relationship and if a bidder (s) is / are or a contractor(s) was / were involved in collusive bidding (or bid rigging). 34.2 If a bidder(s) or contractor(s), based on reasonable grounds or evidence obtained by the purchaser, has / have engaged in the restrictive practice referred to above, the purchaser may refer the matter to the Competition Commission for investigation and possible imposition of administrative penalties as contemplated in the Competition Act No. 89 of 1998.

- 34.3 If a bidder(s) or contractor(s), has / have been found guilty by the Competition Commission of the restrictive practice referred to above, the purchaser may, in addition and without prejudice to any other remedy provided for, invalidate the bid(s) for such item(s) offered, and / or terminate the contract in whole or part, and / or restrict the bidder(s) or contractor(s) from conducting business with the public sector for a period not exceeding ten (10) years and / or claim damages from the bidder(s) or contractor(s) concerned.

Annexure C

Declaration of Interest

DECLARATION OF INTEREST

1. Any legal person, including persons employed by the state¹, or persons having a kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes an advertised competitive bid, a limited bid, a proposal or written price quotation). In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority where-
 - the bidder is employed by the state; and/or
 - the legal person on whose behalf the bidding document is signed, has a relationship with persons/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.
2. **In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.**
 - 2.1 Full Name of bidder or his or her representative:
 - 2.2 Identity Number:.....
 - 2.3 Position occupied in the Company (director, trustee, shareholder², member):
.....
 - 2.4 Registration number of company, enterprise, close corporation, partnership agreement or trust:
.....
 - 2.5 Tax Reference Number:
 - 2.6 VAT Registration Number:
 - 2.6.1 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 paragraph 3 below.

¹"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.

²"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.

2.7 Are you or any person connected with the bidder presently employed by the state? **YES / NO**

2.7.1 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:

.....
.....
.....

2.7.2 If you are presently employed by the state, did you obtain the appropriate authority to undertake remunerative work outside employment in the public sector? **YES / NO**

2.7.2.1 If yes, did you attach proof of such authority to the bid document? **YES / NO**

(Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the bid.)

2.7.2.2 If no, furnish reasons for non-submission of such proof:

.....
.....
.....

2.8 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? **YES / NO**

2.8.1 If so, furnish particulars:

.....
.....
.....

2.9 Do you, or any person connected with the bidder, have any relationship (family, friend, other) with a person employed by the state and who may be involved with the evaluation and or adjudication of this bid? **YES / NO**

2.9.1 If so, furnish particulars.

.....

.....

.....

2.10 Are you, or any person connected with the bidder, aware of any relationship (family, friend, other) between any other bidder and any person employed by the state who may be involved with the evaluation and or adjudication of this bid? **YES/NO**

2.10.1 If so, furnish particulars.

.....

.....

.....

2.11 Do you or any of the directors / trustees / shareholders / members of the company have any interest in any other related companies whether or not they are bidding for this contract? **YES/NO**

2.11.1 If so, furnish particulars:

.....

.....

.....

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

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

4 DECLARATION

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

CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 2 and 3 ABOVE IS CORRECT.
I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of bidder

Annexure D

Declaration of Bidder's Past Supply Chain Management Practices

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	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? (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). 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.	Yes ☐	No ☐
4.1.1	If so, furnish particulars:		
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 ☐	No ☐
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 ☐	No ☐
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 ☐	No ☐
4.4.1	If so, furnish particulars:		

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.**

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

Annexure E

Certificate of Independent Bid Determination

CERTIFICATE OF INDEPENDENT BID DETERMINATION

- 1 This Standard Bidding Document (SBD) must form part of all bids¹ invited.
- 2 Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).² Collusive bidding is a *pe se* prohibition meaning that it cannot be justified under any grounds.
- 3 Treasury Regulation 16A9 prescribes that accounting officers and accounting authorities must take all reasonable steps to prevent abuse of the supply chain management system and authorizes accounting officers and accounting authorities to:
 - a. disregard the bid of any bidder if that bidder, or any of its directors have abused the institution's supply chain management system and or committed fraud or any other improper conduct in relation to such system.
 - b. cancel a contract awarded to a supplier of goods and services if the supplier committed any corrupt or fraudulent act during the bidding process or the execution of that contract.
- 4 This SBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
- 5 In order to give effect to the above, the attached Certificate of Bid Determination (SBD 9) must be completed and submitted with the bid:

¹ Includes price quotations, advertised competitive bids, limited bids and proposals.

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

CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:

(Bid Number and Description)

in response to the invitation for the bid made by:

(Name of Institution)

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

I certify, on behalf of: _____ that:

(Name of Bidder)

1. I have read and I understand the contents of this Certificate;
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
4. 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;
5. 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

6. 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 consortium³ will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - (a) prices;
 - (b) geographical area where product or service will be rendered (market allocation)
 - (c) methods, factors or formulas used to calculate prices;
 - (d) the intention or decision to submit or not to submit, a 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.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. 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 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.

SBD 9

10. 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.

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

Js914w 2

Annexure F

Preference Points Claim Form in terms of the
Preferential Procurement Regulations 2017

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

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

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

1. GENERAL CONDITIONS

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

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

1.2 The value of this bid is estimated not to exceed R50 000 000 (all applicable taxes included) and therefore the 80/20 preference point system shall be applicable.

1.3 Points for this bid shall be awarded for:

- (a) Price; and
- (b) B-BBEE Status Level of Contributor.

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

	POINTS
PRICE	80
B-BBEE STATUS LEVEL OF CONTRIBUTOR	20
Total points for Price and B-BBEE must not exceed	100

1.5 Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

1.6 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

2. DEFINITIONS

- (a) **“B-BBEE”** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (b) **“B-BBEE status level of contributor”** means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (c) **“bid”** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotations, advertised competitive bidding processes or proposals;
- (d) **“Broad-Based Black Economic Empowerment Act”** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (e) **“EME”** means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (f) **“functionality”** means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- (g) **“prices”** includes all applicable taxes less all unconditional discounts;
- (h) **“proof of B-BBEE status level of contributor”** means:
 - 1) B-BBEE Status level certificate issued by an authorized body or person;
 - 2) A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
 - 3) Any other requirement prescribed in terms of the B-BBEE Act;
- (i) **“QSE”** means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (j) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

3. POINTS AWARDED FOR PRICE

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

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

80/20

or

90/10

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

Where

Ps = Points scored for price of bid under consideration

Pt = Price of bid under consideration

P_{min} = Price of lowest acceptable bid

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

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

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

5. BID DECLARATION

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

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

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

7. SUB-CONTRACTING

- 7.1 Will any portion of the contract be sub-contracted?

(Tick applicable box)

YES	☐	NO	☐
-----	--------------------------	----	--------------------------

- 7.1.1 If yes, indicate:

- i) What percentage of the contract will be subcontracted %
- ii) The name of the sub-contractor
- iii) The B-BBEE status level of the sub-contractor.....
- iv) Whether the sub-contractor is an EME or QSE

(Tick applicable box)

YES	☐	NO	☐
-----	--------------------------	----	--------------------------

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

Designated Group: An EME or QSE which is at last 51% owned by:	EME √	QSE √
Black people		
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		
Black people who are military veterans		
OR		
Any EME		
Any QSE		

8. DECLARATION WITH REGARD TO COMPANY/FIRM

8.1 Name of company/firm:.....

8.2 VAT registration number:.....

8.3 Company registration number:.....

8.4 TYPE OF COMPANY/ FIRM

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

[TICK APPLICABLE BOX]

8.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....

.....

.....

.....

.....

8.6 COMPANY CLASSIFICATION

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

[TICK APPLICABLE BOX]

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

8.8 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contributor indicated in paragraphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;

- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- iv) If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
 - (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 favourable arrangements due to such cancellation;
 - (d) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution.

	 SIGNATURE(S) OF BIDDERS(S)
DATE:	
ADDRESS	
	
	

WITNESSES	
1.	
2.	

Annexure G1 for Item 1

Pricing Schedule for Goods

SBD3.1

NAME OF BIDDER:

1. PRICING SCHEDULE FOR ITEM 1**All prices must be in South African rand value and must be inclusive of VAT.**

1.1 The total price quoted must be indicated next to each item below.

<i>Item</i>	<i>Description</i>	<i>Total Price for Item 1 (VAT Inclusive)</i>
1	Supply and delivery of seven (7) Plane of Array (POA) Irradiance comprising of the following as per requirement for Item 1 in Annexure H: a) Seven (7) CMP10 (or equivalent) pyranometers. The pyranometers must be of the same type but measuring Global Tilted Radiation as the one used for DIF and GHI measurements. b) Seven (7) fully adjustable CM255LS (or equivalent) Plane & Angle Solar Mounting Stands with levelling screws. c) Seven (7) Aluminium round tubes natural anodized (size 31mm x 3mm x 1 meter). d) Seven (7) 10-metre cable. e) A calibration certificate must be provided for each sensor. f) The pyranometers offered must be First Class pyranometers and must be compatible with the current loggernet software. g) Installation: The bidder will be required to install Five (5) of the POA sensors at the following sites and the costing thereof must be included in the bid price: 1) Irene Weather Office (Situated on the Agricultural Research Council premises, Main Road, Irene.) 2) Nelspruit (Mbombela) (Situated at the Kruger Mpumalanga International Airport, R538 Plaston road, Nelspruit) 3) De Aar Weather Office (Situated on Smouspoort Road)	

	4) Cape Point Global Atmospheric Watch (GAW) station (Situating next to the Lighthouse at the Cape Point Nature Reserve) 5) Mthatha Weather Office (Situating at Mthatha Airport) h) Bidder to provide training to two (2) SAWS employees at each of the installation sites on the use and maintenance of the sensors and equipment installed. i) Delivery of the Two (2) POA sensors and other equipment not installed by the bidder must be made to the South African Weather Service at: Eco Glades block 1b Eco Park Cnr Olievenhoutbosch and Ribbon Grass Streets Centurion 0157 j) Should the bidder offer equivalent product/s to the CMP10 pyranometers or the CM255LS Plane & Angle Solar Mounting Stands with levelling screws the bidder must provide the technical specifications of the equivalent product.	
--	--	--

1.2 Does offer comply with specification?

YES

*NO

* If NO, please specify

1.3 Period required for delivery of above item/s after acceptance of offer:

1.4 Any other costs not included in the above price?

*YES	NO
------	----

* If YES, please specify

1.5 Brand and model of item/s:

1.6 Country of origin of item/s:

1.7 PRICE ADJUSTMENTS

1.7.1 NON-FIRM PRICES SUBJECT TO ESCALATION

1.7.1.1 IN CASES OF PERIOD CONTRACTS, NON FIRM PRICES WILL BE ADJUSTED (LOADED) WITH THE ASSESSED CONTRACT PRICE ADJUSTMENTS IMPLICIT IN NON FIRM PRICES WHEN CALCULATING THE COMPARATIVE PRICES

1.7.1.2 IN THIS CATEGORY PRICE ESCALATIONS WILL ONLY BE CONSIDERED IN TERMS OF THE FOLLOWING FORMULA:

$$Pa = (1 - V)Pt \left(D1 \frac{R1t}{R1o} + D2 \frac{R2t}{R2o} + D3 \frac{R3t}{R3o} + D4 \frac{D4t}{D4o} \right) + VPt$$

Where:

Pa	=	The new escalated price to be calculated.
(1-V)Pt	=	85% of the original bid price. Note that Pt must always be the original bid price and not an escalated price.
D1, D2..	=	Each factor of the bid price eg. labour, transport, clothing, footwear, etc. The total of the various factors D1,D2...etc. must add up to 100%.
R1t, R2t.....	=	Index figure obtained from new index (depends on the number of factors used).
R1o, R2o	=	Index figure at time of bidding.
VPt	=	15% of the original bid price. This portion of the bid price remains firm i.e. it is not subject to any price escalations.

1.7.1.3 The following index/indices must be used to calculate your bid price:

Index..... Dated.....	Index..... Dated.....	Index..... Dated.....
Index..... Dated.....	Index..... Dated.....	Index..... Dated.....

1.7.1.4 FURNISH A BREAKDOWN OF YOUR PRICE IN TERMS OF ABOVE-MENTIONED FORMULA. THE TOTAL OF THE VARIOUS FACTORS MUST ADD UP TO 100%.

FACTOR (D1, D2 etc. eg. Labour, transport etc.)	PERCENTAGE OF BID PRICE

1.7.2 PRICES SUBJECT TO RATE OF EXCHANGE VARIATIONS

1.7.2.1. Please furnish full particulars of your financial institution, state the currencies used in the conversion of the prices of the items to South African currency, which portion of the price is subject to rate of exchange variations and the amounts remitted abroad.

PARTICULARS OF FINANCIAL INSTITUTION	ITEM NO	PRICE	CURRENCY	RATE	PORTION OF PRICE SUBJECT TO ROE	AMOUNT IN FOREIGN CURRENCY REMITTED ABROAD
				ZAR=		
				ZAR=		
				ZAR=		
				ZAR=		

1.7.2.2 Adjustments for rate of exchange variations during the contract period will be calculated by using the average monthly exchange rates as issued by your commercial bank for the periods indicated hereunder: (Proof from bank required)

AVERAGE MONTHLY EXCHANGE RATES FOR THE PERIOD:	DATE DOCUMENTATION MUST BE SUBMITTED TO THIS OFFICE	DATE FROM WHICH NEW CALCULATED PRICES WILL BECOME EFFECTIVE	DATE UNTIL WHICH NEW CALCULATED PRICE WILL BE EFFECTIVE

Annexure G2 for Item 2

Pricing Schedule for Goods

SBD3.1

NAME OF BIDDER:

1. PRICING SCHEDULE FOR ITEM 2**All prices must be in South African rand value and must be inclusive of VAT.**

1.1 The total price quoted must be indicated next to each item below.

<i>Item</i>	<i>Description</i>	<i>Total Price for Item 2 (VAT Inclusive)</i>
2	Supply and delivery of Four (4) Plane of Array (POA) Irradiance mounting stands and poles comprising of the following as per requirement for Item 2 in Annexure H: a) Four (4) fully adjustable CM255LS (or equivalent) Plane & Angle Solar Mounting Stands with levelling screws. b) Four (4) Aluminium round poles natural anodized (size 31mm x 3mm x 1 meter). c) Delivery of the POA Irradiance mounting stands and poles must be made to the South African Weather Service at: Eco Glades block 1b Eco Park Cnr Olievenhoutbosch and Ribbon Grass Streets Centurion 0157 d) Should the bidder offer an equivalent product to the CM255LS Plane & Angle mounting stands with levelling screws, the bidder must provide the technical specifications of the equivalent product. Note: SAWS requires the above mounting stands and poles to install existing Plane of Array (POA) sensors.	

1.2 Does offer comply with specification?

YES

*NO

* If NO, please specify

1.3 Period required for delivery of above item/s after acceptance of offer:

.....

1.4 Any other costs not included in the above price?

*YES

NO

* If YES, please specify

1.5 Brand and model of item/s:

1.6 Country of origin of item/s:

1.7 PRICE ADJUSTMENTS

1.7.1 NON-FIRM PRICES SUBJECT TO ESCALATION

1.7.1.1 IN CASES OF PERIOD CONTRACTS, NON FIRM PRICES WILL BE ADJUSTED (LOADED) WITH THE ASSESSED CONTRACT PRICE ADJUSTMENTS IMPLICIT IN NON FIRM PRICES WHEN CALCULATING THE COMPARATIVE PRICES

1.7.1.2 IN THIS CATEGORY PRICE ESCALATIONS WILL ONLY BE CONSIDERED IN TERMS OF THE FOLLOWING FORMULA:

$$Pa = (1 - V)Pt \left(D1 \frac{R1t}{R1o} + D2 \frac{R2t}{R2o} + D3 \frac{R3t}{R3o} + D4 \frac{D4t}{D4o} \right) + VPt$$

Where:

Pa	=	The new escalated price to be calculated.
(1-V)Pt	=	85% of the original bid price. Note that Pt must always be the original bid price and not an escalated price.
D1, D2..	=	Each factor of the bid price eg. labour, transport, clothing, footwear, etc. The total of the various factors D1,D2...etc. must add up to 100%.
R1t, R2t.....	=	Index figure obtained from new index (depends on the number of factors used).
R1o, R2o	=	Index figure at time of bidding.
VPt	=	15% of the original bid price. This portion of the bid price remains firm i.e. it is not subject to any price escalations.

1.7.1.3 The following index/indices must be used to calculate your bid price:

Index..... Dated.....	Index..... Dated.....	Index..... Dated.....
Index..... Dated.....	Index..... Dated.....	Index..... Dated.....

1.7.1.4 FURNISH A BREAKDOWN OF YOUR PRICE IN TERMS OF ABOVE-MENTIONED FORMULA. THE TOTAL OF THE VARIOUS FACTORS MUST ADD UP TO 100%.

FACTOR (D1, D2 etc. eg. Labour, transport etc.)	PERCENTAGE OF BID PRICE

1.7.2 PRICES SUBJECT TO RATE OF EXCHANGE VARIATIONS

1.7.2.1. Please furnish full particulars of your financial institution, state the currencies used in the conversion of the prices of the items to South African currency, which portion of the price is subject to rate of exchange variations and the amounts remitted abroad.

PARTICULARS OF FINANCIAL INSTITUTION	ITEM NO	PRICE	CURRENCY	RATE	PORTION OF PRICE SUBJECT TO ROE	AMOUNT IN FOREIGN CURRENCY REMITTED ABROAD
				ZAR=		
				ZAR=		
				ZAR=		
				ZAR=		

1.7.2.2 Adjustments for rate of exchange variations during the contract period will be calculated by using the average monthly exchange rates as issued by your commercial bank for the periods indicated hereunder: (Proof from bank required)

AVERAGE MONTHLY EXCHANGE RATES FOR THE PERIOD:	DATE DOCUMENTATION MUST BE SUBMITTED TO THIS OFFICE	DATE FROM WHICH NEW CALCULATED PRICES WILL BECOME EFFECTIVE	DATE UNTIL WHICH NEW CALCULATED PRICE WILL BE EFFECTIVE

Annexure G3 for Item 3

Pricing Schedule for Goods

SBD3.1

NAME OF BIDDER:

1. PRICING SCHEDULE FOR ITEM 3**All prices must be in South African rand value and must be inclusive of VAT.**

1.1 The total price quoted must be indicated next to each item below.

<i>Item</i>	<i>Description</i>	<i>Total Price for Item 3 (VAT Inclusive)</i>
3	Supply and delivery of eight (8) Albedometers (2 sensors back-to-back = 16 sensors) comprising of the following as per requirement for Item 3 in Annexure H: a) Sixteen (16) CMP10 (or equivalent) Pyranometers meeting the following specifications: - A1) Spectral range : (50% points) 285 to 2800 nm - A2) Sensitivity: 7 to 14 $\mu\text{V}/\text{W}/\text{m}^2$ - A3) Response time: < 5 s - A4) Zero offset A: < 7 W/m^2 - A5) Zero offset B: < 2 W/m^2 - A6) Directional response (up to 80° with 1000 W/m^2 beam): < 10 W/m^2 - A7) Temperature dependence of sensitivity: (-10 °C to +40 °C) < 1 % - A8) Operational temperature range: -40 °C to +80 °C - A9) Maximum solar irradiance: 4000 W/m^2 - A10) Field of view: 180 ° b) Eight (8) x 10-metre cable for mounting 2 sensors back-to-back. c) Eight (8) CMF1 (or equivalent) mounting fixtures for 1 or 2 unventilated radiometers. d) Eight (8) CMB1 (or equivalent) mounting brackets. e) Eight (8) Glare Screen Kits for downward-facing unventilated radiometers. f) Eight (8) 1.45-metre stainless steel pole for concrete installation, protruding 1 meter complete with welded end cap. g) Eight (8) Solar sensor mounting stands.	

	h) Eight (8) Crossarm-To-Pole Mounting kits. i) Eight (8) Aluminium round tubes natural anodized (size 31mm x 3mm x 1.5 metres). j) Flat Black painted finish to be provided for albedometer installation k) A calibration certificate must be provided for each sensor. l) The Albedometers must be of the same class as GHI, POA, DIF sensors m) The pyranometers offered must be First Class pyranometers and must be compatible with the current loggernet software. n) Installation: The bidder will be required to install Five (5) of the Albedo units each comprising of 2 sensors at the following sites and the costing thereof must be included in the bid price. 1) Irene Weather Office (Situated on the Agricultural Research Council premises, Main Road, Irene.) 2) Nelspruit (Mbombela) (Situated at the Kruger Mpumalanga International Airport, R538 Plaston road, Nelspruit) 3) De Aar Weather Office (Situated on Smouspoort Road) 4) Cape Point Global Atmospheric Watch (GAW) station (Situated next to the Lighthouse at the Cape Point Nature Reserve) 5) Mthatha Weather Office (Situated at Mthatha Airport) o) Bidder to provide training to SAWS employees at each of the installation sites on the use and maintenance of the sensors and equipment installed. p) Delivery of the Albedometers and other equipment not installed by the bidder must be made to the South African Weather Service at: - Eco Glades block 1b - Eco Park - Cnr Olievenhoutbosch and Ribbon Grass Streets - Centurion 0157 q) Should the bidder offer equivalent products to the CMP10 Pyranometers, CMF1 mounting fixtures, or CMB1 mounting brackets the bidder must provide the technical specifications of the equivalent product/s.	
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1.2 Does offer comply with specification?

YES

*NO

* If NO, please specify

1.3 Period required for delivery of above item/s after acceptance of offer:

.....

1.4 Any other costs not included in the above price?

*YES

NO

* If YES, please specify

--

1.5 Brand and model of item/s:

1.6 Country of origin of item/s:

1.7 PRICE ADJUSTMENTS

1.7.1 NON-FIRM PRICES SUBJECT TO ESCALATION

1.7.1.1 IN CASES OF PERIOD CONTRACTS, NON FIRM PRICES WILL BE ADJUSTED (LOADED) WITH THE ASSESSED CONTRACT PRICE ADJUSTMENTS IMPLICIT IN NON FIRM PRICES WHEN CALCULATING THE COMPARATIVE PRICES

1.7.1.2 IN THIS CATEGORY PRICE ESCALATIONS WILL ONLY BE CONSIDERED IN TERMS OF THE FOLLOWING FORMULA:

$$Pa = (1 - V)Pt \left(D1 \frac{R1t}{R1o} + D2 \frac{R2t}{R2o} + D3 \frac{R3t}{R3o} + D4 \frac{D4t}{D4o} \right) + VPt$$

Where:

Pa	=	The new escalated price to be calculated.
(1-V)Pt	=	85% of the original bid price. Note that Pt must always be the original bid price and not an escalated price.
D1, D2..	=	Each factor of the bid price eg. labour, transport, clothing, footwear, etc. The total of the various factors D1,D2...etc. must add up to 100%.
R1t, R2t.....	=	Index figure obtained from new index (depends on the number of factors used).
R1o, R2o	=	Index figure at time of bidding.
VPt	=	15% of the original bid price. This portion of the bid price remains firm i.e. it is not subject to any price escalations.

1.7.1.3 The following index/indices must be used to calculate your bid price:

Index..... Dated.....	Index..... Dated.....	Index..... Dated.....
Index..... Dated.....	Index..... Dated.....	Index..... Dated.....

1.7.1.4 FURNISH A BREAKDOWN OF YOUR PRICE IN TERMS OF ABOVE-MENTIONED FORMULA. THE TOTAL OF THE VARIOUS FACTORS MUST ADD UP TO 100%.

FACTOR (D1, D2 etc. eg. Labour, transport etc.)	PERCENTAGE OF BID PRICE

1.7.2 PRICES SUBJECT TO RATE OF EXCHANGE VARIATIONS

1.7.2.1. Please furnish full particulars of your financial institution, state the currencies used in the conversion of the prices of the items to South African currency, which portion of the price is subject to rate of exchange variations and the amounts remitted abroad.

PARTICULARS OF FINANCIAL INSTITUTION	ITEM NO	PRICE	CURRENCY	RATE	PORTION OF PRICE SUBJECT TO ROE	AMOUNT IN FOREIGN CURRENCY REMITTED ABROAD
				ZAR=		
				ZAR=		
				ZAR=		
				ZAR=		

1.7.2.2 Adjustments for rate of exchange variations during the contract period will be calculated by using the average monthly exchange rates as issued by your commercial bank for the periods indicated hereunder: (Proof from bank required)

AVERAGE MONTHLY EXCHANGE RATES FOR THE PERIOD:	DATE DOCUMENTATION MUST BE SUBMITTED TO THIS OFFICE	DATE FROM WHICH NEW CALCULATED PRICES WILL BECOME EFFECTIVE	DATE UNTIL WHICH NEW CALCULATED PRICE WILL BE EFFECTIVE

Annexure G4 for Item 4

Pricing Schedule for Goods

SBD3.1

NAME OF BIDDER:

1. PRICING SCHEDULE FOR ITEM 4**All prices must be in South African rand value and must be inclusive of VAT.**

1.1 The total price quoted must be indicated next to each item below.

<i>Item</i>	<i>Description</i>	<i>Total Price for Item 4 (VAT Inclusive)</i>
4	Supply and delivery of One (1) Pyranometer for Biomet Network comprising of the following as per requirement for Item 4 in Annexure H: a) One (1) CMP10 (or equivalent) pyranometer. b) One (1) 10-metre cable. c) One (1) mounting stand complete with levelling screws. d) The pyranometer offered must be First Class pyranometers and must be compatible with the current loggernet software. e) Delivery of the Pyranometer, cable and mounting stand must be made to the South African Weather Service at: - Eco Glades block 1b - Eco Park - Cnr Olievenhoutbosch and Ribbon Grass Streets - Centurion 0157 f) Should the bidder offer an equivalent product to the CMP10 Pyranometer the bidder must provide the technical specifications of the equivalent product.	

1.2 Does offer comply with specification?

YES

*NO

* If NO, please specify

1.3 Period required for delivery of above item/s after acceptance of offer:

.....

1.4 Any other costs not included in the above price?

*YES

NO

* If YES, please specify

1.5 Brand and model of item/s:

1.6 Country of origin of item/s:

1.7 PRICE ADJUSTMENTS

1.7.1 NON-FIRM PRICES SUBJECT TO ESCALATION

1.7.1.1 IN CASES OF PERIOD CONTRACTS, NON FIRM PRICES WILL BE ADJUSTED (LOADED) WITH THE ASSESSED CONTRACT PRICE ADJUSTMENTS IMPLICIT IN NON FIRM PRICES WHEN CALCULATING THE COMPARATIVE PRICES

1.7.1.2 IN THIS CATEGORY PRICE ESCALATIONS WILL ONLY BE CONSIDERED IN TERMS OF THE FOLLOWING FORMULA:

$$Pa = (1 - V)Pt \left(D1 \frac{R1t}{R1o} + D2 \frac{R2t}{R2o} + D3 \frac{R3t}{R3o} + D4 \frac{D4t}{D4o} \right) + VPt$$

Where:

Pa	=	The new escalated price to be calculated.
(1-V)Pt	=	85% of the original bid price. Note that Pt must always be the original bid price and not an escalated price.
D1, D2..	=	Each factor of the bid price eg. labour, transport, clothing, footwear, etc. The total of the various factors D1,D2...etc. must add up to 100%.
R1t, R2t.....	=	Index figure obtained from new index (depends on the number of factors used).
R1o, R2o	=	Index figure at time of bidding.
VPt	=	15% of the original bid price. This portion of the bid price remains firm i.e. it is not subject to any price escalations.

1.7.1.3 The following index/indices must be used to calculate your bid price:

Index..... Dated.....	Index..... Dated.....	Index..... Dated.....
Index..... Dated.....	Index..... Dated.....	Index..... Dated.....

1.7.1.4 FURNISH A BREAKDOWN OF YOUR PRICE IN TERMS OF ABOVE-MENTIONED FORMULA. THE TOTAL OF THE VARIOUS FACTORS MUST ADD UP TO 100%.

FACTOR (D1, D2 etc. eg. Labour, transport etc.)	PERCENTAGE OF BID PRICE

1.7.2 PRICES SUBJECT TO RATE OF EXCHANGE VARIATIONS

1.7.2.1. Please furnish full particulars of your financial institution, state the currencies used in the conversion of the prices of the items to South African currency, which portion of the price is subject to rate of exchange variations and the amounts remitted abroad.

PARTICULARS OF FINANCIAL INSTITUTION	ITEM NO	PRICE	CURRENCY	RATE	PORTION OF PRICE SUBJECT TO ROE	AMOUNT IN FOREIGN CURRENCY REMITTED ABROAD
				ZAR=		
				ZAR=		
				ZAR=		
				ZAR=		

1.7.2.2 Adjustments for rate of exchange variations during the contract period will be calculated by using the average monthly exchange rates as issued by your commercial bank for the periods indicated hereunder: (Proof from bank required)

AVERAGE MONTHLY EXCHANGE RATES FOR THE PERIOD:	DATE DOCUMENTATION MUST BE SUBMITTED TO THIS OFFICE	DATE FROM WHICH NEW CALCULATED PRICES WILL BECOME EFFECTIVE	DATE UNTIL WHICH NEW CALCULATED PRICE WILL BE EFFECTIVE

Annexure G5 for Item 5

Pricing Schedule for Goods

SBD3.1

NAME OF BIDDER:

1. PRICING SCHEDULE FOR ITEM 5**All prices must be in South African rand value and must be inclusive of VAT.**

1.1 The total price quoted must be indicated next to each item below.

Item	Description	Total Price for Item 5 (VAT Inclusive)																								
5	Supply and delivery of One (1) IDELSPN1 (or equivalent) Sunshine Pyranometer comprising of the following as per requirement for Item 5 in Annexure H: a) One (1) IDELSPN1 (or equivalent) Sunshine Pyranometer meeting the following specifications: <table><tr><td></td><td>±5% Daily integrals</td></tr><tr><td>A1) Overall accuracy: Total (Global) and Diffuse radiation</td><td>±5% ±10 W.m⁻² Hourly averages ±8% ±10 W.m⁻² Individual readings</td></tr><tr><td>A2) Resolution</td><td>0.6 W.m⁻²=0.6 mV</td></tr><tr><td>A3) Range</td><td>0 to >2000 W.m⁻²</td></tr><tr><td>A4) Analogue output sensitivity</td><td>1 mV=1 W.m⁻²</td></tr><tr><td>A5) Analogue output range</td><td>0 – 2500 mV</td></tr><tr><td>A6) Sunshine status threshold</td><td>120 W.m⁻² in the direct beam</td></tr><tr><td>A7) Accuracy: Sunshine status</td><td>±10% sun hours with respect to the threshold</td></tr><tr><td>A8) Accuracy: Cosine correction</td><td>±2% of incoming radiation over 0-90° Zenith angle</td></tr><tr><td>A9) Accuracy: Azimuth angle</td><td>±5% over 360° rotation</td></tr><tr><td>A10) Temperature coefficient</td><td>0.02% per °C (typical)</td></tr><tr><td>A11) Temperature range</td><td>-40 to + 70°C</td></tr></table>		±5% Daily integrals	A1) Overall accuracy: Total (Global) and Diffuse radiation	±5% ±10 W.m ⁻² Hourly averages ±8% ±10 W.m ⁻² Individual readings	A2) Resolution	0.6 W.m ⁻² =0.6 mV	A3) Range	0 to >2000 W.m ⁻²	A4) Analogue output sensitivity	1 mV=1 W.m ⁻²	A5) Analogue output range	0 – 2500 mV	A6) Sunshine status threshold	120 W.m ⁻² in the direct beam	A7) Accuracy: Sunshine status	±10% sun hours with respect to the threshold	A8) Accuracy: Cosine correction	±2% of incoming radiation over 0-90° Zenith angle	A9) Accuracy: Azimuth angle	±5% over 360° rotation	A10) Temperature coefficient	0.02% per °C (typical)	A11) Temperature range	-40 to + 70°C	
	±5% Daily integrals																									
A1) Overall accuracy: Total (Global) and Diffuse radiation	±5% ±10 W.m ⁻² Hourly averages ±8% ±10 W.m ⁻² Individual readings																									
A2) Resolution	0.6 W.m ⁻² =0.6 mV																									
A3) Range	0 to >2000 W.m ⁻²																									
A4) Analogue output sensitivity	1 mV=1 W.m ⁻²																									
A5) Analogue output range	0 – 2500 mV																									
A6) Sunshine status threshold	120 W.m ⁻² in the direct beam																									
A7) Accuracy: Sunshine status	±10% sun hours with respect to the threshold																									
A8) Accuracy: Cosine correction	±2% of incoming radiation over 0-90° Zenith angle																									
A9) Accuracy: Azimuth angle	±5% over 360° rotation																									
A10) Temperature coefficient	0.02% per °C (typical)																									
A11) Temperature range	-40 to + 70°C																									

	A12) Stability	Recalibration is recommended every 2 years	
	A13) Response time	100 ms (typical)	
	A14) Spectral response	400 – 2700 nm	
	A15) Spectral sensitivity variation	10% (typical)	
	A16) Non-linearity	< 1%	
	A17) Tilt response	Negligible	
	A18) Zero offsets	< 3 W.m ⁻² for a change of 5°C/hr in ambient temperature < 3 W.m ⁻² dark reading	
	A19) Latitude capability	-90° to + 90°	
	A20) Environmental sealing	IP67	
	A21) Sunshine status output	No sun=open circuit Sun=short circuit to ground	
	A22) Power requirement	2 mA (awake), <30 µA (asleep) 5 V – 15 V DC	
	A23) Heater power	12 V – 15 VDC, up to 1.5 A	
	A24) RS232 connector	5-pin M12	
	A25) Signal output & power-in connector	8 pin M12	
	b) One (1) 10-metre extension cable, 8-Way M12 for IDELSPN1 (or equivalent) Sunshine Pyranometer.		
	c) A calibration certificate must be provided for the Sunshine Pyranometer.		
	d) The Sunshine Pyranometer must come with a 5-year Warranty.		
	e) The pyranometer offered must be a First Class pyranometer and must be compatible with the current loggernet software.		
	f) Delivery of the Pyranometer, cable and mounting stand must be made to the South African Weather Service at: Eco Glades block 1b Eco Park Cnr Olievenhoutbosch and Ribbon Grass Streets Centurion 0157		
	g) Should the bidder offer an equivalent product to the IDELSPN1 Sunshine Pyranometer the bidder must provide the technical specifications of the equivalent product.		

1.2 Does offer comply with specification?

YES

*NO

* If NO, please specify

1.3 Period required for delivery of above item/s after acceptance of offer:

.....

1.4 Any other costs not included in the above price?

*YES	NO
------	----

* If YES, please specify

1.5 Brand and model of item/s:

1.6 Country of origin of item/s:

1.7 PRICE ADJUSTMENTS

1.7.1 NON-FIRM PRICES SUBJECT TO ESCALATION

1.7.1.1 IN CASES OF PERIOD CONTRACTS, NON FIRM PRICES WILL BE ADJUSTED (LOADED) WITH THE ASSESSED CONTRACT PRICE ADJUSTMENTS IMPLICIT IN NON FIRM PRICES WHEN CALCULATING THE COMPARATIVE PRICES

1.7.1.2 IN THIS CATEGORY PRICE ESCALATIONS WILL ONLY BE CONSIDERED IN TERMS OF THE FOLLOWING FORMULA:

$$Pa = (1 - V)Pt \left(D1 \frac{R1t}{R1o} + D2 \frac{R2t}{R2o} + D3 \frac{R3t}{R3o} + D4 \frac{D4t}{D4o} \right) + VPt$$

Where:

Pa	=	The new escalated price to be calculated.
(1-V)Pt	=	85% of the original bid price. Note that Pt must always be the original bid price and not an escalated price.
D1, D2..	=	Each factor of the bid price eg. labour, transport, clothing, footwear, etc. The total of the various factors D1,D2...etc. must add up to 100%.
R1t, R2t.....	=	Index figure obtained from new index (depends on the number of factors used).
R1o, R2o	=	Index figure at time of bidding.
VPt	=	15% of the original bid price. This portion of the bid price remains firm i.e. it is not subject to any price escalations.

1.7.1.3 The following index/indices must be used to calculate your bid price:

Index..... Dated.....	Index..... Dated.....	Index..... Dated.....
Index..... Dated.....	Index..... Dated.....	Index..... Dated.....

1.7.1.4 FURNISH A BREAKDOWN OF YOUR PRICE IN TERMS OF ABOVE-MENTIONED FORMULA. THE TOTAL OF THE VARIOUS FACTORS MUST ADD UP TO 100%.

FACTOR (D1, D2 etc. eg. Labour, transport etc.)	PERCENTAGE OF BID PRICE

1.7.2 PRICES SUBJECT TO RATE OF EXCHANGE VARIATIONS

1.7.2.1. Please furnish full particulars of your financial institution, state the currencies used in the conversion of the prices of the items to South African currency, which portion of the price is subject to rate of exchange variations and the amounts remitted abroad.

PARTICULARS OF FINANCIAL INSTITUTION	ITEM NO	PRICE	CURRENCY	RATE	PORTION OF PRICE SUBJECT TO ROE	AMOUNT IN FOREIGN CURRENCY REMITTED ABROAD
				ZAR=		
				ZAR=		
				ZAR=		
				ZAR=		

1.7.2.2 Adjustments for rate of exchange variations during the contract period will be calculated by using the average monthly exchange rates as issued by your commercial bank for the periods indicated hereunder: (Proof from bank required)

AVERAGE MONTHLY EXCHANGE RATES FOR THE PERIOD:	DATE DOCUMENTATION MUST BE SUBMITTED TO THIS OFFICE	DATE FROM WHICH NEW CALCULATED PRICES WILL BECOME EFFECTIVE	DATE UNTIL WHICH NEW CALCULATED PRICE WILL BE EFFECTIVE

Annexure H

Specifications / Terms of Reference for bids
(For procurement above R500 000-00)

1 DESCRIPTION

Appointment of a Service provider to provide solar radiation measuring equipment to the South African Weather Service.

2 INTRODUCTION

The South African Weather Service (SAWS) is a public entity of the Department of Forestry, Fisheries and the Environment (DFFE) and derives its mandate from the South African Weather Service Act (No 8 of 2001 as amended). The public entity is listed as a Schedule 3A Public Entity in terms of the Public Finance Management Act (PFMA).

SAWS is tasked with providing timely and accurate scientific data in the field of meteorology to the broader South African society: a combination of both the public good and commercial services. The organisation plays a vital role in South African public life, not just as a provider of key services, but also in empowering citizens to adopt the effects of the ever-changing weather.

3 BACKGROUND

South African Weather Service (SAWS) manages a radiometric network consisting of thirteen (13) solar radiation stations located in six climatic zones of South Africa since 2013 (*Refer to Figure 1 and Table 1*). The data collected at the network of stations help to quantify the potential contribution of the solar energy resource to improve national energy security in the country. Currently, the solar radiometric network measures three parameters, namely, Global Horizontal Irradiance (GHI), Diffuse Horizontal Irradiance (DIF), and Direct Normal Irradiance (DNI) and the SAWS is planning to add more sensors in order to maximise the observations data for energy applications research. Additional pyranometers namely, ground reflected (albedo) and the plane of array (POA) irradiance are required including all mounting accessories.

The SAWS would like to resuscitate the measurements of solar radiation parameters at one of its vandalised stations and therefore require the SPN1 sensor or other equivalent sensors that match the meteorological networks globally or equivalent to ensure compliance with the requirements of the World Meteorological Organisation. SPN1 Sunshine Pyranometer uses an array of seven, miniature thermopile sensors and a computer-generated shading pattern to measure the direct and diffuse components of incident solar radiation.

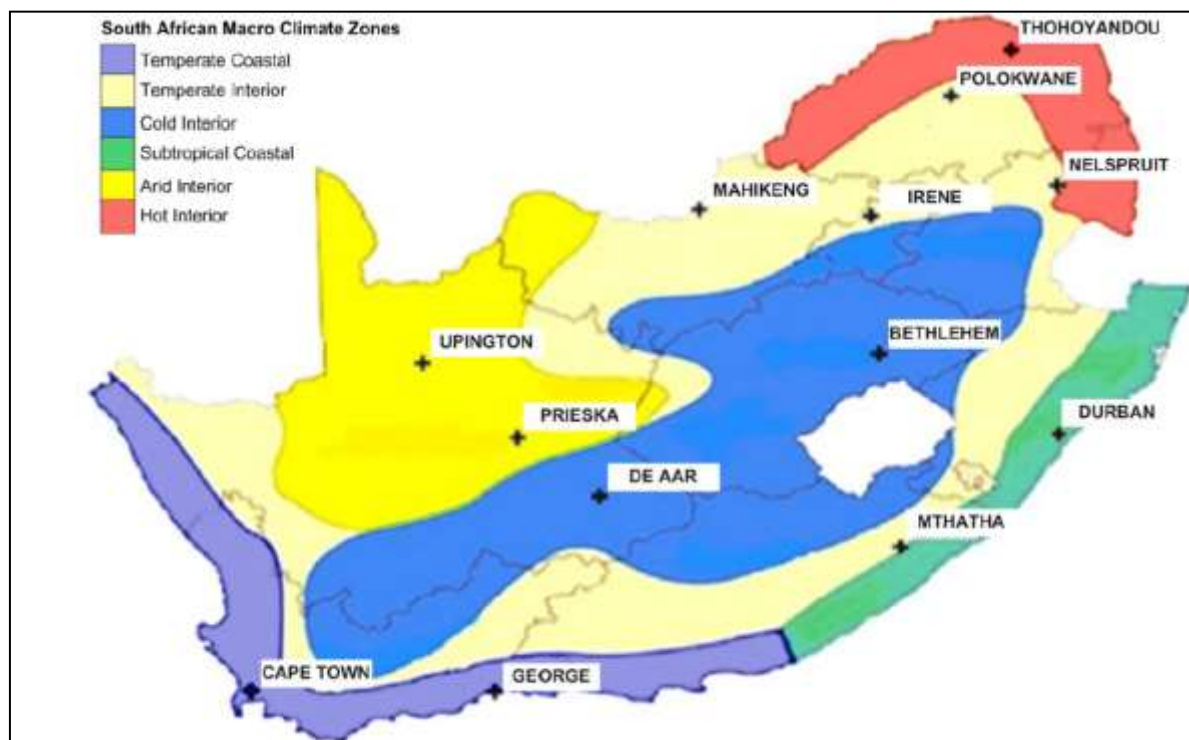


Figure 1: Map showing solar radiation station locations within the climatic regions

Table 1: Stations Details

Station	Latitude (°)	Longitude (°)	Altitude (m)
1.Prieska	-29.68	22.71	989
2.Upington	-28.48	21.12	848
3. De Aar	-30.67	23.99	1284
4. Irene	-25.91	28.21	1524
5. Nelspruit	-25.39	31.1	870
6.Mafikeng	-25.81	25.54	1289
7.Bethlehem	-28.25	28.33	1688
8.George	-34.01	22.38	192

9.Mthatha	-31.55	28.67	744
10.Cape point	-33.96	18.6	42
11.Durban	-29.61	31.11	91
12.Polokwane	-23.86	29.45	1233
13. Thohoyandou	-23.08	30.38	619

4 REQUIREMENT / SCOPE OF WORK

This bid calls for the procurement of solar radiation measuring equipment as detailed under section 4.1 below. First class pyranometers are required and must be compatible with the loggernet software for integration into the established solar radiation network.

All the sensors should be traceable to the World Radiometric Reference (WRR) and the calibration certificates of each sensor should be provided. Our requirements were designed to meet the BSRN requirements, which is using the highest quality, commercially available solar radiation measuring equipment to measure solar radiation. The SAWS is also part of the Baseline Solar Radiation Network (BSRN) which emphasises the uniform adherence to the highest achievable standards of procedure, accuracy, and calibration throughout the network. To achieve this the sensors should be the same brand or equivalent to the ones that are currently used at SAWS stations.

4.1 Technical requirements

Bidders are required to provide with their bid the technical specification of the sensors/instruments offered in terms of this bid.

Item No	Description / Requirement
1	Supply and delivery of seven (7) Plane of Array (POA) Irradiance comprising of the following: a) Seven (7) CMP10 (or equivalent) pyranometers. The pyranometers must be of the same type but measuring Global Tilted Radiation as the one used for DIF and GHI measurements. b) Seven (7) fully adjustable CM255LS (or equivalent) Plane & Angle Solar Mounting Stands with levelling screws.

	c) Seven (7) Aluminium round tubes natural anodized (size 31mm x 3mm x 1 meter). d) Seven (7) 10-metre cable. e) A calibration certificate must be provided for each sensor. f) The pyranometers offered must be First Class pyranometers and must be compatible with the current loggernet software. g) Installation: The bidder will be required to install Five (5) of the POA sensors at the following sites and the costing thereof must be included in the bid price: 1) Irene Weather Office (Situated on the Agricultural Research Council premises, Main Road, Irene.) 2) Nelspruit (Mbombela) (Situated at the Kruger Mpumalanga International Airport, R538 Plaston road, Nelspruit) 3) De Aar Weather Office (Situated on Smouspoort Road) 4) Cape Point Global Atmospheric Watch (GAW) station (Situated next to the Lighthouse at the Cape Point Nature Reserve) 5) Mthatha Weather Office (Situated at Mthatha Airport) h) Bidder to provide training to two (2) SAWS employees at each of the installation sites on the use and maintenance of the sensors and equipment installed. i) Delivery of the Two (2) POA sensors and other equipment not installed by the bidder must be made to the South African Weather Service at: - Eco Glades block 1b - Eco Park - Cnr Olievenhoutbosch and Ribbon Grass Streets - Centurion 0157 j) Should the bidder offer equivalent product/s to the CMP10 pyranometers or the CM255LS Plane & Angle Solar Mounting Stands with levelling screws the bidder must provide the technical specifications of the equivalent product.
2	Supply and delivery of Four (4) Plane of Array (POA) Irradiance mounting stands and poles comprising of the following: a) Four (4) fully adjustable CM255LS (or equivalent) Plane & Angle Solar Mounting Stands with levelling screws. b) Four (4) Aluminium round poles natural anodized (size 31mm x 3mm x 1 meter). c) Delivery of the POA Irradiance mounting stands and poles must be made to the South African Weather Service at: - Eco Glades block 1b - Eco Park - Cnr Olievenhoutbosch and Ribbon Grass Streets - Centurion 0157

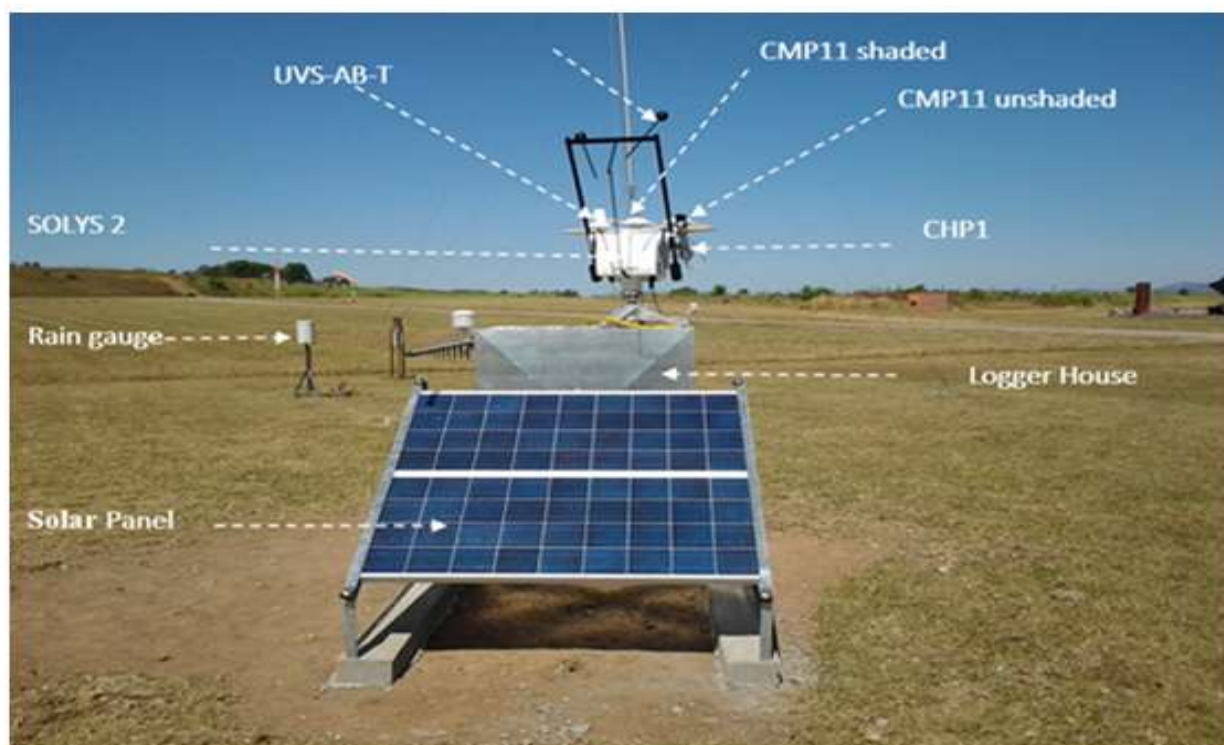
	d) Should the bidder offer an equivalent product to the CM255LS Plane & Angle mounting stands with levelling screws, the bidder must provide the technical specifications of the equivalent product. Note: SAWS requires the above mounting stands and poles to install existing Plane of Array (POA) sensors.
3	Supply and delivery of eight (8) Albedometers (2 sensors back-to-back = 16 sensors) comprising of the following: a) Sixteen (16) CMP10 (or equivalent) Pyranometers meeting the following specifications: - A1) Spectral range : (50% points) 285 to 2800 nm - A2) Sensitivity: 7 to 14 $\mu\text{V}/\text{W}/\text{m}^2$ - A3) Response time: < 5 s - A4) Zero offset A: < 7 W/m^2 - A5) Zero offset B: < 2 W/m^2 - A6) Directional response (up to 80° with 1000 W/m^2 beam): < 10 W/m^2 - A7) Temperature dependence of sensitivity: (-10 °C to +40 °C) < 1 % - A8) Operational temperature range: -40 °C to +80 °C - A9) Maximum solar irradiance: 4000 W/m^2 - A10) Field of view: 180 ° b) Eight (8) x 10-metre cable for mounting 2 sensors back-to-back. c) Eight (8) CMF1 (or equivalent) mounting fixtures for 1 or 2 unventilated radiometers. d) Eight (8) CMB1 (or equivalent) mounting brackets. e) Eight (8) Glare Screen Kits for downward-facing unventilated radiometers. f) Eight (8) 1.45-metre stainless steel pole for concrete installation, protruding 1 meter complete with welded end cap. g) Eight (8) Solar sensor mounting stands. h) Eight (8) Crossarm-To-Pole Mounting kits. i) Eight (8) Aluminium round tubes natural anodized (size 31mm x 3mm x 1.5 metres). j) Flat Black painted finish to be provided for albedometer installation k) A calibration certificate must be provided for each sensor. l) The Albedometers must be of the same class as GHI, POA, DIF sensors m) The pyranometers offered must be First Class pyranometers and must be compatible with the current loggernet software. n) Installation: The bidder will be required to install Five (5) of the Albedo units each comprising of 2 sensors at the following sites and the costing thereof must be included in the bid price. 1) Irene Weather Office (Situated on the Agricultural Research Council premises, Main Road, Irene.) 2) Nelspruit (Mbombela) (Situated at the Kruger Mpumalanga International Airport, R538 Plaston road, Nelspruit)

	3) De Aar Weather Office (Situated on Smouspoort Road) 4) Cape Point Global Atmospheric Watch (GAW) station (Situated next to the Lighthouse at the Cape Point Nature Reserve) 5) Mthatha Weather Office (Situated at Mthatha Airport) o) Bidder to provide training to SAWS employees at each of the installation sites on the use and maintenance of the sensors and equipment installed. p) Delivery of the Albedometers and other equipment not installed by the bidder must be made to the South African Weather Service at: Eco Glades block 1b Eco Park Cnr Olievenhoutbosch and Ribbon Grass Streets Centurion 0157 q) Should the bidder offer equivalent products to the CMP10 Pyranometers, CMF1 mounting fixtures, or CMB1 mounting brackets the bidder must provide the technical specifications of the equivalent product/s.
4	Supply and delivery of One (1) Pyranometer for Biomet Network comprising of the following: a) One (1) CMP10 (or equivalent) pyranometer. b) One (1) 10-metre cable. c) One (1) mounting stand complete with levelling screws. d) The pyranometer offered must be First Class pyranometers and must be compatible with the current loggernet software. e) Delivery of the Pyranometer, cable and mounting stand must be made to the South African Weather Service at: Eco Glades block 1b Eco Park Cnr Olievenhoutbosch and Ribbon Grass Streets Centurion 0157 f) Should the bidder offer an equivalent product to the CMP10 Pyranometer the bidder must provide the technical specifications of the equivalent product.
5	Supply and delivery of One (1) IDELSPN1 (or equivalent) Sunshine Pyranometer comprising of the following: a) One (1) IDELSPN1 (or equivalent) Sunshine Pyranometer meeting the following specifications:

A1) Overall accuracy: Total (Global) and Diffuse radiation	±5% Daily integrals ±5% ±10 W.m ⁻² Hourly averages ±8% ±10 W.m ⁻² Individual readings
A2) Resolution	0.6 W.m ⁻² =0.6 mV
A3) Range	0 to >2000 W.m ⁻²
A4) Analogue output sensitivity	1 mV=1 W.m ⁻²
A5) Analogue output range	0 – 2500 mV
A6) Sunshine status threshold	120 W.m ⁻² in the direct beam
A7) Accuracy: Sunshine status	±10% sun hours with respect to the threshold
A8) Accuracy: Cosine correction	±2% of incoming radiation over 0-90° Zenith angle
A9) Accuracy: Azimuth angle	±5% over 360° rotation
A10) Temperature coefficient	0.02% per °C (typical)
A11) Temperature range	-40 to + 70°C
A12) Stability	Recalibration is recommended every 2 years
A13) Response time	100 ms (typical)
A14) Spectral response	400 – 2700 nm
A15) Spectral sensitivity variation	10% (typical)
A16) Non-linearity	< 1%
A17) Tilt response	Negligible
A18) Zero offsets	< 3 W.m ⁻² for a change of 5°C/hr in ambient temperature < 3 W.m ⁻² dark reading
A19) Latitude capability	-90° to + 90°
A20) Environmental sealing	IP67
A21) Sunshine status output	No sun=open circuit Sun=short circuit to ground
A22) Power requirement	2 mA (awake), <30 µA (asleep) 5 V – 15 V DC
A23) Heater power	12 V – 15 VDC, up to 1.5 A
A24) RS232 connector	5-pin M12
A25) Signal output & power-in connector	8 pin M12
b) One (1) 10-metre extension cable, 8-Way M12 for IDELSPN1 (or equivalent) Sunshine Pyranometer.	

	c) A calibration certificate must be provided for the Sunshine Pyranometer. d) The Sunshine Pyranometer must come with a 5-year Warranty. e) The pyranometer offered must be a First Class pyranometer and must be compatible with the current loggernet software. f) Delivery of the Pyranometer, cable and mounting stand must be made to the South African Weather Service at: - Eco Glades block 1b - Eco Park - Cnr Olievenhoutbosch and Ribbon Grass Streets - Centurion 0157 g) Should the bidder offer an equivalent product to the IDELSPN1 Sunshine Pyranometer the bidder must provide the technical specifications of the equivalent product.
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4.2 Example of current setup



Measurements	
Solar Radiation Parameter	Instrument
Direct Normal Irradiance (DNI)	Kipp & Zonen Pyrheliometer (CHP1)
Global Horizontal Irradiance (GHI)	Kipp & Zonen pyranometer (CMP21)
Diffuse Horizontal Irradiance (DIF)	Shaded Kipp & Zonen pyranometer (CMP21)
Longwave Downward radiation (LWD)	Kipp & Zonen Pyrgeometer (CGR4)
UVA & B	Kipp & Zonen UV-S AB-T

Figure 2: Sample set-up and measured parameters

5 EVALUATION PROCESS

5.1 Administrative Compliance requirements

Bids received will be verified for completeness and correctness. SAWS reserves the right to accept or reject a bid based on the completeness and correctness of the documentation and information provided. The complete set of bid documents must be completed and submitted.

Bidders are to ensure that they submit the following documentation / information with their bid.

Document	Comments	Compulsory requirement
Proof of registration on the Central Supplier Database (CSD) of National Treasury	Bidders must be registered on the CSD. CSD registration number must be provided.	Yes
SBD 3.1 for goods (Pricing Schedule)	Completed and signed	Yes
SBD 4 (Declaration of interest)	Completed and signed	Yes
SBD 6.1 (Preferential Procurement Point)	Completed and signed	Yes
SBD 8 (Declaration of Bidder's past supply chain management practices)	Completed and signed	Yes
SBD 9 (Certificates of Independent Bid Determination)	Completed and signed	Yes
SARS (South African Revenue Service) Tax Compliant	Bidders tax matters must be in order	Yes
BBBEE Certificate	Valid and compliant original B-BBEE and/or certified copies of Sworn Affidavit must be submitted for any points claimed	No

5.2 Technical / Functional evaluation

Technical / Functional evaluation of the bid will be done in terms of the criteria as stated in the table below. Bidders should take note of the Criterion, Weighting & Scoring when responding to this bid.

Criterion	Weight	Score
Experience of bidder Bidder to provide the years of experience the bidder has in the supply and installation of solar radiation sensors and equipment.	30	0 = None or less than 1 year 10 = 1 year 20 = 2 years 30 = 3 or more years
After sales service and support Bidder to indicate if the bidder provides after sales service and support for the products offered in terms of this bid.	35	0 = Not indicated / provided. 25 = After sales service and support offered but not by the bidder. 35 = After sales service and support offered by the bidder.
References Bidder to provide details of clients of the bidder who SAWS may contact to ascertain the quality of goods supplied by the bidder and the quality of service/s rendered by the bidder. References must be for goods supplied in relation solar radiation equipment to clients of the bidder after 2018. Information to be provided by the bidder: 1. Name of the client 2. Contact Person 3. Contact number / Telephone number 4. Brief description of goods supplied / service rendered 5. Date when goods were supplied / service was rendered. <i>A score of zero (0) will be allocated for a reference should all of the above information not be provided.</i>	35	0 = None provided 15 = Details of one (1) client provided 25 = Details of two (2) clients provided 35 = Details of three (3) or more clients provided
Total score	100	

The total score obtained by the bidder will be converted to a percentage (out of 100).		
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Bidders who score 70% and more will qualify for further evaluation in terms of Price and B-BBEE.

5.3 PRICE AND B-BBEE EVALUATION

Bidders who comply with the requirements of this bid will be evaluated according to the preference point scoring system as determined in the Preferential Procurement Regulations, 2017 pertaining to the Preferential Procurement Policy Framework Act, Act No 5 of 2000.

The following preference point systems are applicable to all bids:

- 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).

The value of this bid is estimated NOT to exceed R50 000 000 (all applicable taxes included) and therefore the 80/20 preference point system shall be applicable.

Points for this bid shall be awarded for:

- (a) Price; and
- (b) B-BBEE Status Level of Contributor.

The maximum points for this bid are allocated as follows:

	POINTS
PRICE	80
B-BBEE STATUS LEVEL OF CONTRIBUTOR	20
Total points for Price and B-BBEE	100

6 SPECIAL CONDITIONS OF CONTRACT

This bid and all contract emanating there from will be subject to the General Conditions of Contract (GCC) issued in accordance with Chapter 16A of the Treasury Regulations published in terms of the Public Finance Management Act, 1999 (Act 1 of 1999). The Special Conditions are supplement to that of the General Conditions of Contract. Where, however the Special Conditions of Contract are in conflict with the General Conditions of Contract, the Special Conditions of the Contract prevail.

6.1 Delivery and installation

The successful bidder will be required to deliver the goods to the addresses as indicated for each item under section 4.1 and where installation is required to conduct the installation of the sensors at the addresses provided under section 4.1. All costs in relation to delivery and installation under section 4.1 must be included in the bid price.

Annexure I

POPIA : Supplier Notice and Consent Form



**South African
Weather Service**

Private Bag X097, Pretoria, 0001 • Tel: + 27 (0) 12 367 6000 • www.weathersa.co.za • USSD: *120*7297#

POPIA: SUPPLIER NOTICE AND CONSENT FORM

I confirm that I am duly authorised to sign this consent form.

Name (Print)

Capacity

Signature

Name of Firm

Date



(Hereinafter referred to as “the **Data Subject** “)

A company/organization duly incorporated under the laws of Republic of South Africa, having its
main place of business

at....., with

registration number:.....

POPIA: SUPPLIER NOTICE AND CONSENT FORM

Preparatory Statement

Whereas the “**Data Subject**” is in agreement with the contents of this Notice and Consent Form and grants SAWS permission to process certain confidential/personal information, for purposes of

whereas the “**Data Subject**” is considering making an offer (the “**Offer**”) to SAWS on a solicited Bid/Tender/RFQ/RFP/RFI, subject to conducting due diligence, as a result of which certain confidential/personal information of the Data Subject may be disclosed to SAWS.

The Data Subject hereby gives consent to the following:

1. Purposes

SAWS will process, including collect, your personal information (as set out in point 2 below) for the following purposes:

- a) strategic sourcing;
- b) procurement;
- c) contract management;
- d) supplier management;
- e) invoice management;
- f) payments;
- g) debt recovery;
- h) Fraud prevention; and
- i) supplier discovery.

The provision of personal information is voluntary. However, if you do not provide your personal information, we may not be able to perform the above-mentioned purpose/s.

2. Legal basis of the processing

We process your personal information on the basis that (i) processing information is necessary for pursuing our legitimate interests (according to section 11(1) of the Protection of Personal Information Act, No. 4 of 2013 (“POPIA”)), which lies in achieving the purposes as set out in point 1 above, (ii) processing is necessary to carry out actions for the conclusion or performance of “supply chain management functions” for which you are party (according to section 11(1)(b) of POPIA), or (iii) processing complies with an obligation imposed by law on us (according to section 11(1)(c) of POPIA).

We process the following personal information (for specific natural or juristic person and can be used to identify you or that person):

POPIA: SUPPLIER NOTICE AND CONSENT FORM

- a) Master data
 - Name
 - Addresses
 - Contact numbers
 - Email address
 - Other contact details of the supplier
 - Supplier primary contact person's name and contact information
 - Job position and role / qualifications
 - Partner roles of the suppliers needed for invoicing and ordering
 - Identification / company registration number
 - BBBEE status
 - Central Supplier Database number
- b) Accounting and payment information
 - VAT & Income tax numbers
 - Tax clearance pin
 - Bank details
 - Bank account type and number
 - Name of the account holder
 - Attachment of confirmation documents
 - Terms of payment
 - Accounting correspondence
- c) Supplier classification
 - Category
 - Vendor portfolio
 - Product categories
 - Main product category
 - Additional product categories
 - Vendor category.
- d) Declared conflict or potential conflict of interest
- e) Information on goods and/or services offered by supplier
 - quantity and quality of offered goods and/or services
 - other commercial terms of the offer
- f) Contract information
 - commercial terms of the contract
 - legal terms of the contract
 - any other contractual documentation
 - information about contract performance and instances of non-performance

POPIA: SUPPLIER NOTICE AND CONSENT FORM

3. Retention periods

Your personal information will only be kept for as long as we reasonably consider necessary for achieving the purposes set out in point 1 above and as is permissible under applicable laws. We will, in any case, retain your personal information for as long as there are statutory retention obligations or potential legal claims are not yet time barred.

4. Law enforcement

We may disclose personal information if required:

- by a subpoena or court order;
- to comply with any law;
- to protect the safety of any individual or the public; and
- to prevent violation of our supplier relation terms.

5. Regulators

We may disclose your personal information as required by law or governmental audit.

6. Sharing

We may share your personal information with:

- other divisions or public entities within the South African Government as the South African Weather Service (SAWS) is a Section 3(a) public entity under the Ministry of Environmental Affairs and is governed by a Board, so as to provide joint content and services like registration, for transactions and customer support, to help detect and prevent potentially illegal acts and violations of our policies, and to guide decisions about our products, services;
- an affiliate, in which case we will seek to require the affiliates to honor this privacy notice;
- our goods or services providers under contract who help provide certain goods or services or help with parts of our business operations, including fraud prevention, bill collection, marketing, technology services (our contracts dictate that these goods or services providers only use your information in connection with the goods or services they supply or services they perform for the SAWS and not for their own benefit);
- credit bureaus to report account information, as permitted by law;
- banking partners as required by credit card association rules for inclusion on their list of terminated merchants (in the event that you utilize the services to receive payments and you meet their criteria); and
- other third parties who provide us with relevant services, where appropriate.

7. Suppliers rights

Under applicable law, you have, among others, the rights (under the conditions set out in applicable law): (i) to check whether and what kind of personal data we hold about you and to request access to and the right to rectify the information collected (ii) in certain circumstances, to object to the processing of personal information, in the prescribed manner, on reasonable grounds relating to your particular situation, unless legislation provides for such processing or to object for the purposes of direct marketing; or (iii) to lodge a

POPIA: SUPPLIER NOTICE AND CONSENT FORM

complaint with the Information Regulator. The address of the Information Regulator is 33 Hoofd Street Forum III, 3rd Floor Braampark, Braamfontein, Johannesburg.

8. Your obligations

You may only send us your own personal information or the information of another data subject where you have their permission to do so.

9. Security

We take the security of personal information very seriously and always do our best to comply with applicable data protection laws. Our website is hosted in a secure server environment that uses a firewall and other advanced security measures to prevent interference or access from outside intruders. We authorize access to personal information only for those employees who require it to fulfil their job responsibilities. We implement disaster recovery procedures where appropriate.

10. Data Storage

We will try to keep the personal information we collect as accurate, complete, and up to date as is necessary for the purposes defined in this notice. Please note that to better protect you and safeguard your personal information, please inform us of any required corrections to your personal information.

11. Limitation

We are not responsible for, give no warranties, nor make any representations in respect of the privacy policies/notices or practices of any third parties.

12 Enquiries

If you have any questions or concerns arising from this notice and consent form or the way in which we handle personal information, please contact the South African Weather Service Deputy Information Officer:

HEAD OFFICE

Eco Glades block 1b, Eco Park,
Cnr Olievenhoutbosch and Ribbon Grass Streets,
Centurion, 0157
Private Bag X097
Pretoria 0001
+27 12 367 6000
+27 12 367 6000
Email for Head Office: CRS@weathersa.co.za