



TENDER SPECIFICATIONS

Public supply contract for “Supply and
Technical Installation of Automatic Weather
Station Equipment, including system
Commissioning and Training”

Reference №: **MOZ22005-10050**

Country: **Mozambique**

Direct Negotiated Procedure with Prior
Publication

*Deadline for
requesting
clarifications:* **Until 19 October 2026**

*Deadline for
submission of tenders:* **28 October 2026 at
12:00pm (Central African
Time, UTC+2)**

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1 GENERAL REMARKS

1. THE CONTRACTING AUTHORITY

- 1.1. The contracting authority of this public contract is Enabel, public-law company with social purposes, with its registered office at Rue Haute 147, 1000 Brussels in Belgium (enterprise number 0264.814.354, RPM/RPR Brussels), called ' Enabel ' pursuant to the entry into force of Law of 23 November 2017 changing the name of the Belgian Technical Cooperation and defining the missions and functioning of Enabel, the Belgian agency for development cooperation.
- 1.2. Enabel has the exclusive competence for the execution, in Belgium and abroad, of public service tasks of direct bilateral cooperation with partner countries. Moreover, it may also perform other development cooperation tasks at the request of public interest organisations, and it can develop its own activities to contribute towards realisation of its objectives.
- 1.3. For this public contract Enabel, in Mozambique, is represented by :

Name	Position
Adriaan Tas	Country Director

2. RULES GOVERNING THE PUBLIC CONTRACT

- 2.1. The following, among others, apply to this public contract:
 - (a) The Law of 17 June 2016 on public procurement;
 - (b) The Royal Decree of 18 April 2017 on the award of public contracts in the classical sectors;
 - (c) The Royal Decree of 14 January 2013 establishing the general rules for the execution of public contracts;
 - (d) The Law of 17 June 2013 on motivation, information, and remedies in public procurement, certain works, supply, and service contracts, and concessions;
 - (e) Circulars of the Prime Minister with regards to public procurement;
 - (f) Enabel's policy regarding sexual exploitation and abuse – June 2019;
 - (g) Enabel's policy regarding fraud and corruption risk management – June 2019.
- 2.2. All Belgian regulations on public contracts can be consulted on <https://bosa.belgium.be/en/themes/public-procurement>;
Enabel's Code of Conduct and the policies mentioned above can be consulted on Enabel's website via <https://www.enabel.be/who-we-are/integrity/>.

3. APPLICABLE LAW AND COMPETENT COURTS

- 3.1. Belgian legislation applies for this public contract and no other. In the event of a conflict regarding the interpretation, application or performance of these tender specifications, the parties will first try all conciliation possibilities. Except for an emergency, the parties avoid litigation in court without preliminary notification.
- 3.2. In case of court action, correspondence must (also) be sent to the following address:

Enabel S.A.
Global Procurement Services
To the attention of Ms Laura Jacobs
Rue Haute 147
1000 Brussels
Belgium

- 3.3. Any litigation regarding this public contract is the exclusive competence of the Brussels legal district courts and tribunals. French or Dutch are the languages of proceedings.

Z2 SUBJECT-MATTER AND SCOPE OF THE PUBLIC CONTRACT

1. TYPE OF CONTRACT

- 1.1. This public contract is a supply contract for the purchase and on-site installation of three automatic weather stations equipment including the provision of spare parts, for stations located in Xai-Xai, Mopeia, and Moma. The contract also includes capacity-building activities aimed at INAM and local government technicians to ensure their ability to operate and maintain the stations effectively.

2. LOTS

2. This public contract is not divided into lots.
- 1.2. The main reasons for not dividing this public contract into lots are that the contract constitutes a single, integrated assignment. It is therefore advisable that the economic operator responsible for supplying the automatic weather stations also provides the training to INAM and local government technicians on their operation and maintenance. This approach will ensure consistency between the equipment supplied and the technical training delivered, thereby facilitating the effective operation and long-term maintenance of the stations.

3. ITEMS

3. This public contract consists of the items listed under clause **Error! Reference source not found.** of chapter 8 Forms - Tender form - Prices.
- 1.3. These items are grouped together to form one single contract. It is not possible to tender for one or several items and the tenderer must submit price quotations for all items of the contract.

3B DURATION OF THE PUBLIC CONTRACT

- 1.4. This public contract starts upon **upon kick-off meeting** and lasts for 140 (one hundred and forty) calendar days.
This public contract **MAY NOT** be renewed.

4. VARIANTS

4. Variants are **NOT** allowed.

5. OPTIONS

5. The tenderer may **NOT** submit options. Free options are forbidden. Any proposed option will be discarded.

3 AWARD PROCEDURE

SECTION (A) - GENERAL PROCEDURE INSTRUCTIONS

1. AWARD PROCEDURE

This public contract will be awarded through a Direct Negotiated Procedure with Prior Publication pursuant to Article 41, § 1, °1 of the Law of 17 June 2016 on public procurement.

2. PUBLICATION

This contract is advertised on the following platforms:

- a) The Belgian Public Tender bulletin (<https://www.publicprocurement.be/bda>)

1.5. Website of Enabel (www.enabel.be).

1.6. Local newspaper.

3. FURTHER INFORMATION

3.1. Public procurement administrator

The awarding of this public contract is coordinated by Enabel Procurement team (moz_csc_contracts@enabel.be). All communication between the contracting authority and (prospective) tenderers regarding this public contract must go through this contact. Any other form of contact with the contracting authority about this public contract is prohibited unless otherwise stated in these tender specifications.

3.2. Requesting clarifications

Prospective tenderers have until the **tenth day**, inclusive, before the deadline for submission of tenders to submit any questions regarding these tender specifications and the contract. All inquiries must be sent in writing to the procedure coordinator mentioned under clause 3.1 (moz_csc_contracts@enabel.be) and will be answered in the order received.

Until the notification of the award decision no information will be given about the evolution of the procedure.

3.3. Publication of clarifications and/or amendments to the tender specifications

The complete overview of questions and answers, as well as any amendments to these tender specifications, will be available at the seventh day before the deadline for submission of tenders, at the latest.

These updates will be published on the same platforms as mentioned under clause 2.

The tenderer is to submit his tender after reading and taking into account any corrections made to these tender specifications that are published or that are sent to him by e-mail. To do so, when the tenderer has downloaded the tender specifications, it is strongly advised that he gives his coordinates to the public procurement administrator mentioned under clause 3.1 and requests information on any modifications or additional information.

SECTION (B) - INSTRUCTIONS FOR PREPARATION OF TENDERS

4. VALIDITY PERIOD OF TENDERS

The tenderers remain bound by their tender for a period of **90 (ninety) calendar days** from the tender reception deadline date.

5. DATA TO BE INCLUDED IN THE TENDER

- 5.1. Tenderers are advised to consult the general principles set out under Heading 1 of the Law of 17 June 2016 on public procurement, which are applicable to this award procedure.
- 5.2. The tender and all annexes to the tender form must be drawn up in:
 - (a) English.
- 5.3. By submitting a tender, the tenderer automatically waives any of their own general or specific sales conditions, even if these are mentioned in any annexes to their tender.
- 5.4. The tenderer must clearly indicate within their tender any information that is confidential and/or relates to technical or business secrets, which may not be divulged by the contracting authority.
- 5.5. The tenderer must use the tender forms provided in the annex:

- (a) Identification form (clause **Error! Reference source not found.** of Chapter 7 Forms);
- (b) List of subcontractors (clause **Error! Reference source not found.** of Chapter 7 Forms);
- (c) Tender form - Prices (clause **Error! Reference source not found.** of Chapter 7 Forms);
- (d) Declaration on honour - Exclusion grounds (clause **Error! Reference source not found.** of Chapter 7 Forms);
- (e) Financial identification form (clause 5 of Chapter 7 Forms);
- (f) Integrity statement for the tenderers (clause 6 of Chapter 7 Forms).

Should the tenderer fail to use these forms, they shall bear full responsibility for ensuring that the documents submitted are in perfect concordance with the forms.

- 5.6. The tenderer also attaches the following to his tender:
 - (a) All documents demanded for the application of qualitative selection (see clause 13) and award criteria (see clause 15);
 - (b) A detail of the prices quoted, listing for each item the various elements that are included in the price and the applicable taxes;
 - (c) The statutes and any other document required to establish the power of attorney of the signer(s);
 - (d) Updated certification of registration;
 - (e) The document certifying that the tenderer is in order with the payment of social contributions;
 - (f) The document certifying that the tenderer is in order with the payment of taxes;
 - (g) An extract from the criminal record or an equally valid document issued by the competent judicial or administrative authority in the country of origin for the entity only or for its director(s).

- 5.7. Where the tender is submitted by a group of economic operators, it must include a copy of the following documents for each of the participants in the group:
- (a) Identification form (clause **Error! Reference source not found.** of Chapter 7 Forms);
 - (b) Declaration on honour - Exclusion grounds (clause **Error! Reference source not found.** of Chapter 7 Forms);
 - (c) Financial identification form (clause 5 of Chapter 7 Forms);
 - (d) Integrity statement for the tenderers (clause 6 of Chapter 7 Forms);
 - (e) The statutes and any other document required to establish the power of attorney of the signer(s);
 - (f) The association agreement signed by each participant, clearly showing who represents the association.
- 5.8. Participants in a group of economic operators must designate one member of the group who will represent the group vis-à-vis the contracting authority.
- 5.9. In accordance with Article 73 of the Royal Decree of 18 April 2017 on the award of public contracts in the classical sectors, where an economic operator wants to rely on the capacities of other entities (particularly subcontractors or independent subsidiaries) for replying to criteria of economic and financial capacity or technical and professional aptitude (see clause 13 and **Error! Reference source not found.**), it shall prove to the contracting authority that it will have at its disposal the resources necessary, for example, by producing a commitment by those entities to that effect.

6. TENDER CURRENCY

All prices given in the tender form must obligatorily be quoted in **Euro**.

7. DETERMINATION OF PRICES

- 7.1. In accordance with Article 37 of the Royal Decree of 18 April 2017 on the award of public contracts in the classical sectors, the contracting authority may for the purpose of verifying the prices carry out an audit of any and all accounting documents and perform on-the-spot checks with a view of verifying the correctness of the indications supplied.

8. ELEMENTS INCLUDED IN THE PRICE

- 8.1. The tenderer is to include in his unit and global prices any charges and taxes generally inherent to the performance of the contract, with the exception of the value-added tax. The applicable VAT is quoted separately, if applicable.
- 8.2. Proposals must **include** the applicable withholding taxes.
- 8.3. Unrealistically low, unbalanced, or poorly justified prices may lead to disqualification.
- 8.4. The tenderer's prices shall include **all costs necessary for the execution of the contract**, including but not limited to:
- Fees and remuneration of all personnel
 - Travel, transport, accommodation, meals, and local mobility
 - Insurance and administrative expenses
 - Communication, documentation, printing, and translation costs
 - Packaging, transport, loading/unloading, handling, and delivery of equipment

- Installation accessories and consumables
- Licensing costs and access credentials for the AWS data platform
 - Development, printing, and delivery of manuals and training materials
 - Provision of certificates
 - Any subcontracted or third-party services required for contract execution.

Enabel will cover per diem costs only for INAM and district government technicians during on-the-job training sessions and acceptance procedures. All other costs must be fully included in the tenderer's financial proposal.

8.5. All prices are based on **Incoterms® 2020: DDP**.

SECTION (C) - SUBMISSION OF TENDERS

9. SUBMISSION OF TENDERS

- 1.7. Without prejudice to any variants, the tenderer may only submit one tender per contract.
- 1.8. It must be submitted before the 28 October 2026 at 12:00pm (Central African Time, UTC+2) in hard copy and a USB stick.
- 1.9. In this case, the sealed envelope is put in a second closed envelope addressed to:

Enabel Mozambique Av. Zimbabwe n.385, Maputo, Mozambique, mentioning the contract reference number MOZ22005-10050

b) Delivered by hand with acknowledgment of receipt.

The service can be reached on working days during office hours: from 8 am to 12 pm and from 1 pm to 5 pm at the address above except on the date of deadline where only bids before 12:00pm will be accepted.

Any tender must arrive before the final submission date and time. Tenders that arrive late will not be accepted. (Article 83 of the Royal Decree on Awarding)

10. TENDER SIGNATURE

- 10.1. The tenderer is required to sign the tender and its annexes individually. **These documents shall be signed globally by affixing a handwritten or a qualified electronic signature.**
- 10.2. Signatures are placed by the person(s) empowered or mandated to commit the tenderer. This obligation applies to each participant when the tender is submitted by a group of economic operators (consortium). These participants are jointly liable.
- 10.3. When the submission report is signed by a mandatary, he or she must clearly indicate whom he or she represents. The mandatary attaches the original electronic deed or private document that transfers these powers to him or her or a scanned copy of that proxy.

11. DEADLINE FOR SUBMISSION AND OPENING OF TENDERS

- 11.1. Tenders must be in the possession of the contracting authority before **28 October 2026 at 12:00pm (Central African Time, UTC+2)**

11.2. Tenders are opened behind closed doors.

SECTION (D) - SELECTION, AWARDING & CONCLUSION

12. EXCLUSION GROUNDS

- 12.1. The obligatory and facultative grounds for exclusion are provided in the declaration on honour attached to these tender specifications (see clause **Error! Reference source not found.** of chapter 8 Forms).
- 12.2. By submitting the declaration enclosed in the annex to these tender specifications, the tenderer certifies that they are not in any of the exclusion cases listed in Articles 67 to 70 of the Law of 17 June 2016 on public procurement, nor Articles 61 to 64 of the Royal Decree of 18 April 2017 on the award of public contracts in the classical sectors.
- 12.3. The grounds for exclusion apply to all participants submitting a joint bid as a consortium of economic operators and third parties (in particular subcontractors or independent subsidiaries) whose capacity is invoked with regard to the criteria of economic and financial capacity or technical and professional aptitude (see clause 13), in accordance with Article 73 § 1 of the Royal Decree of 18 April 2017 on the award of public contracts in the classical sectors.
- 12.4. The contracting authority will verify the accuracy of this declaration on honour for the tenderer with the highest ranked tender. To this end, the contracting authority will request the tenderer concerned to provide the necessary information or documents to verify their personal situation. The tenderer must submit this information by the fastest means and within the deadline set by the contracting authority.
- 12.5. The tenderer may attach these documents directly to his tender. If the tenderer fails to deliver the requested document(s) on time, the contracting authority reserves the right to exclude the tenderer.
- 12.6. Tenderers are strongly advised not to wait for the request of the contracting authority and to request the documents they have not attached to their tender as soon as possible from the competent authorities of the country where they are based. After all, in some cases, it may take a long time to obtain particular documents.
- 12.7. The contracting authority will directly obtain any information or documents that can be accessed free of charge by digital means from the instances that manage the information or documents. This is the case for Belgian tenderers (via the Telemarc platform), with the exception of the extract from the criminal record, which must be requested by the tenderer himself.
- 12.8. **Conflicts of Interest – Revolving Doors (Article 51 of the Royal Decree of 18 April 2017 on the award of public contracts in the classical sectors)**
Without prejudice to Articles 6 and 69, paragraph 1, 5° of the Law of 17 June 2016 on public procurement, a conflict of interest also includes any “revolving doors” situation. This occurs when a natural person who previously worked for a contracting authority — whether as internal staff, in a hierarchical position, as a civil servant, public officer, or in any other capacity linked to the contracting authority — subsequently intervenes under a public contract awarded by that same contracting authority. A conflict of interest arises when there is a connection between the activities previously performed by the individual for the contracting authority and the activities carried out under the awarded contract.

13. QUALITATIVE SELECTION

- 13.1. The tenderer must demonstrate sufficient capacity to successfully perform this public contract.
- 13.2. The selection criteria are the following:
- 1) **Experience.** To demonstrate its technical and professional capacity, the tenderer shall include in its tender the reference of **two (2) similar contracts completed during the last three (3) years** that, taken together, cover the following dimensions:

- Supply and on-site installation / commissioning of automatic weather stations (AWS) or comparable meteorological monitoring systems;
- Technical training of local technicians (operation, basic maintenance, troubleshooting) as part of the installation and handover process;
- Preparation and/or adaptation of operational or maintenance manuals and user-friendly guidance (this may be integrated in a broader supply/installation contract).

For each reference, the tenderer shall indicate:

- The name of the project;
- The amount of the contract;
- The relevant execution dates;
- The name of the client for whom the services were carried out and their contact details; and
- A description demonstrating that the referenced services are similar to the subject of the present contract;
- In addition, the tenderer shall provide certificates of satisfactory completion (good completion certificates), or equivalent documentary evidence issued by the client, confirming that the services were completed properly and in accordance with contractual requirements (signed contracts, approved invoices, or other official evidence issued or endorsed by the client).

2) Proposed team – minimum requirements. To ensure the successful execution of tasks such as installing automatic weather stations in accordance with international standards of the World Meteorological Organization, developing user-friendly guidelines, and training INAM and district technicians, the consultancy must establish a team with clearly defined roles that guarantee effective results within the specified timeline. The minimum team composition, demonstrated through CVs (EU format), is as follows:

Position	Role	Qualifications
Team Leader/Project Manager	Responsible for overall project coordination, management of the work plan, and communication with stakeholders. Ensures the technical quality of deliverables and adherence to deadlines.	• Diploma in Project Management, Environmental Science, or a related field directly applicable to the implementation of the contract. • Minimum of 7 years of experience managing similar projects involving the installation of automatic weather and hydrometric stations, including capacity building activities. • Proven leadership in multisectoral environments, with strong experience in project coordination, Contract implementation, technical project management or supply chain/logistics management. • Fluency in English and Portuguese is required.
AWS Technical Specialist	Leads all on-site technical activities related to AWS installation and commissioning. Ensures compliance with technical specifications and WMO standards; oversees configuration, calibration and	• Diploma in Meteorology, Geography, Environmental Science, or a closely related field. • Minimum of 5 years' experience in the installation, calibration and maintenance of automatic weather stations or comparable meteorological systems.

	troubleshooting of sensors and data loggers; supports integration of each station into INAM's national monitoring network.	• Proven experience with AWS hardware, sensors, power systems and field deployment in similar environments. • Fluency in English and/or Portuguese is required
Training & Data / IT Specialist	Leads the design and delivery of training, and supports configuration of data platforms and connectivity. Ensures that INAM and district technicians can operate, maintain and troubleshoot AWS and associated software; contributes to the development of user-friendly operational and maintenance manuals in Portuguese; supports configuration of data transmission, visualization and basic data management.	• Diploma in Meteorology, Information Technology, Environmental Science, or a related field. • Minimum of 5 years' relevant experience with meteorological data platforms, remote data transmission, and basic IT networking. • Demonstrated experience in developing user-friendly manuals/guidelines and delivering practical, hands-on training for technical staff. • Fluency Portuguese is required; • Experience working with national meteorological services is an asset.

Note:

- One team member may assume multiple roles, provided they demonstrate the relevant qualifications for each role.
- Team members may be part of the bidding consortium or subcontracted as necessary.
- Additional team members can be proposed by the bidder to ensure the effective delivery of services.
- The team composition must demonstrate the ability to communicate effectively in Portuguese throughout the entire duration of the contract execution and to develop user-friendly manuals/guidelines, as well as deliver practical, hands-on training for technical staff.

3) Financial capacity. The tenderer must demonstrate a minimum average annual turnover of 70,000 EUR over the last three completed financial years (2025, 2024 and 2023). For this purpose, the tenderer shall submit the approved financial statements for the last three financial years. Where the financial statements are not yet available or are not required to be published under the applicable national legislation, the tenderer may submit equivalent supporting documents demonstrating its financial capacity, such as a statement of assets and liabilities. Where the enterprise has not yet published its financial statements, an interim balance sheet certified as true and accurate by an accountant, a statutory auditor, or any person or body authorised to perform this function in the country concerned shall be accepted.

13.3. Only tenders from tenderers who meet the selection criteria will be taken into consideration to participate in the comparison of tenders based on the award criteria outlined in clause 15 subject to the regularity of these tenders.

13.4. To meet the criteria of economic and financial capacity and the criteria on technical and professional aptitude, the tenderer may rely on the capacity of:

- (a) all participants submitting a joint bid as a consortium of economic operators;
- (b) other entities (in particular subcontractors or independent subsidiaries) regardless of the legal nature of the relationship with these entities, in accordance with Article 73 § 1 of the Royal Decree of 18 April 2017 on the award of public contracts in the classical sectors.

13.5. For all such participants or entities, the contracting authority must verify that there are no grounds for exclusion.

13.6. In accordance with Article 73 of the Royal Decree of 18 April 2017 on the award of public contracts in the classical sectors, where an economic operator wants to rely on the capacities of other entities

(particularly subcontractors or independent subsidiaries) for replying to criteria of economic and financial capacity or technical and professional aptitude, it shall prove to the contracting authority that it will have at its disposal the resources necessary, for example, by producing a commitment by those entities to that effect.

14. OVERVIEW OF THE PROCEDURE

- 14.1. In a first phase, the tenders submitted by the selected tenderers will be evaluated as to their formal and material regularity.
- 14.2. The contracting authority reserves the right to have the irregularities in a tender regularised.
- 14.3. In a second phase, the formally and materially regular tenders will be evaluated as to their content by an evaluation commission. The contracting authority will restrict the number of tenders to be negotiated by applying the award criteria stated in these tender specifications (clause 15). This evaluation will be conducted on the basis of the award criteria and aims to set a shortlist of tenderers with whom negotiations will be conducted.
- 14.4. Then, the negotiation phase follows. In view of improving the contents of the tenders, the contracting authority may negotiate with tenderers the initial tenders and all subsequent tenders that they have submitted, except final tenders. The award criteria and the minimum requirements are not negotiable. However, the contracting authority may also decide not to negotiate. In this case, the initial tender is the final tender.
- 14.5. When the contracting authority intends to conclude the negotiations, it will so advise the remaining tenderers and will set a common deadline for the submission of any BAFO's (*Best and Final Offer*). Once negotiations have closed, the BAFO's will be evaluated as to its regularity and compared on the basis of the award criteria. The tenderer whose BAFO shows the best value for money (obtaining the best score based on the award criteria given under clause 15) will be designated the successful supplier for this public contract, after having been verified for absence of exclusion grounds and respect for the criteria of qualitative selection.

15. AWARD CRITERIA

- 15.1. The contracting authority will select the regular tender that it considers to be the most economically advantageous, based on the following criteria:

Award Criterion	Criterion Weight (%)	Criterion Evaluation or Formula
Methodology and work plan	30	A technical note (up to 5 pages) detailing methodology for the acquisition, delivery, and installation of equipment, alongside the capacity-building activities. Furthermore, a work plan (Gantt chart) is required.
Price	70	With regards to the 'price' criterion, the following formula will be used: Points tender A = $\frac{\text{amount of lowest tender}}{\text{amount of tender A}} \times 70$

- 15.2. The scores for the award criteria will added up. This public contract will be awarded to the tenderer that submitted the tender with the highest final score, after the contracting authority has verified the accuracy of the declaration on honour of this tenderer and provided the control shows that the declaration on honour corresponds with reality.

16. AWARDING THE PUBLIC CONTRACT

- 16.1. This public contract will be awarded to the tenderer who has submitted the most economically advantageous tender.
- 16.2. In accordance with Article 85 of the Law of 17 June 2016 on public procurement, the contracting authority is under no obligation to award the contract. The contracting authority may choose either not to award the public contract or to restart the procedure, if necessary, through another award procedure.

17. CONCLUDING THE CONTRACT

- 17.1. The contract is formed upon notification to the successful tenderer of the approval of their tender.
- 17.2. Notification is made via email.
- 17.3. The full public contract consists of the following documents:
- (a) These tender specifications and their annexes;
 - (b) The approved BAFO and all of its annexes;
 - (c) The registered letter notifying the award decision;
 - (d) Any later documents accepted and signed by both parties, as appropriate.
- 17.4. In the interest of transparency, Enabel commits to publishing an annual list of recipients of its contracts. By submitting their tender, the successful tenderer agrees to the publication of the contract title, nature and object of the contract, their name and location, and the contract amount.

4 SPECIAL CONTRACTUAL PROVISIONS

This chapter of these tender specifications holds the specific administrative and contractual provisions that apply to this public contract by way of derogation from the 'General Implementing Rules for public procurement' of the Royal Decree of 14 January 2013 (Royal Decree of 14 January 2013 establishing the general rules for the execution of public contracts), hereinafter referred to as "GIR", or as a complement or an elaboration thereof. The numbering of the articles below (between brackets) follows the numbering of the "GIR" articles. Unless indicated, the relevant provisions of the "GIR" apply in full.

These tender specifications do not derogate from the "GIR".

SECTION (A) - GENERAL

1. USE OF ELECTRONIC MEANS (ART. 10)

The use of electronic means for exchanges during the performance of the contract is permitted unless stated otherwise in these tender specifications. In such cases, notifications from the contracting authority will be sent to the address or registered office mentioned in the tender.

2. MANAGING OFFICIAL (ART. 11)

- 2.1. The managing official for this public contract is **Mateus Fernandes, Disaster Risk Reduction Expert**. The managing official is responsible for overseeing the performance of the contract.
- 2.2. Once this public contract is concluded, the managing official serves as the primary point of contact for the supplier. All correspondence or questions regarding the performance of the contract should be directed to him/her, unless otherwise explicitly stated in these tender specifications.
- 2.3. The managing official has full authority to monitor the satisfactory performance of the contract, which includes issuing service orders, preparing reports and statements, approving supplies, progress reports, and reviews. They may order changes to the contract with regards to its subject-matter or performance, provided that such changes remain within its original scope.
- 2.4. However, the signing of amendments or any other decision or agreement implying derogation from the initial terms and conditions of the contract are not part of the competence of the managing official. For such decisions the contracting authority is represented as stipulated under clause 1 of chapter 1 General Remarks.
- 2.5. Under no circumstances is the managing official allowed to modify the terms and conditions (e.g. performance deadline) of the contract, even if the financial impact is nil or negative. Any commitment, change or agreement that deviates from the conditions in these tender specifications and that has not been notified by the contracting authority, will be considered null and void.

3. CONFIDENTIALITY (ART. 18)

- 3.1. Suppliers who, during the performance of the contract, receive information or documents or data of any kind that are classified as confidential and relate, in particular, to the subject matter of the contract, the resources required for its performance and the operation of the contracting authority's services, shall take the necessary measures to prevent such information, documents or data from being disclosed to third parties who have no right to know them.
- 3.2. Suppliers who, in the performance of the contract, have knowledge of a drawing or model, know-how, method or invention belonging to the contracting authority or jointly to the contracting authority and the supplier, shall refrain from any communication concerning the drawing or model, know-how, method or invention to third parties, unless those elements are the subject of the contract.

4. PROTECTION OF PERSONAL DATA

4.1. Processing of personal data by the contracting authority

The contracting authority undertakes to process the personal data that are communicated to it in response to the call for the tenders with the greatest care, in accordance with legislation on the protection of personal data (General Data Protection Regulation, GDPR). Where the Belgian law of 30 July 2018 on the protection of natural persons with regard to the processing of personal data contains stricter provisions, the contracting authority will act in accordance with said law.

4.2. Processing of personal data by the supplier

Where during contract performance, the supplier processes personal data of the contracting authority or in execution of a legal obligation, the following provisions apply :

For any processing of personal data carried out in connection with this public contract, the supplier is required to comply with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data (GDPR) and the Belgian law of 30 July 2018 on the protection of natural persons with regard to the processing of personal data.

By simply participating in the contracting process, the tenderer certifies that he will strictly comply with the obligations of the GDPR for any processing of personal data conducted in connection with that public contract.

Given the public contract, it is to be considered that the contracting authority and the supplier will each be responsible, individually, for the processing.

5. INTELLECTUAL PROPERTY (ART. 19 TO 23)

- 5.1. The contracting authority **does not acquire** the intellectual property rights created, developed, or used during performance of the public contract.
- 5.2. Unless otherwise specified in the procurement documents and without prejudice to clause 5.1, when this public contract involves the creation, manufacture, or development of designs, logos, or similar works, the contracting authority acquires the intellectual property rights to these works. This includes the right to trademark, register, and protect them.
- 5.3. For any domain names created under this public contract, the contracting authority similarly acquires the right to register and protect them unless stated otherwise in the procurement documents.
- 5.4. As the contracting authority does not acquire the intellectual property rights, it shall obtain a patent license for the results protected by intellectual property law. This license must cover the modes of exploitation specified in the procurement documents.

SECTION (B) - FINANCIAL GUARANTEES

6. PERFORMANCE BOND (ART. 25 TO 33)

6.1. **Scope and amount (Art. 25)**

The performance bond is a requirement for this public contract and is set at **5%** of the total value of the contract, excluding VAT. The resulting value will be rounded up to the nearest 10 euros.

6.2. **Nature of the performance bond (Art. 26)**

In accordance with the applicable legal and regulatory provisions, the performance bond may be provided in the form of cash, public funds, or a joint performance bond. It may also be issued as a surety

bond by a credit institution meeting the requirements of the law governing credit institutions or by an insurance company approved for branch 15 (bonds) under the law governing insurance companies.

By way of derogation from Article 26 of the "GIR", the performance bond may be posted through an institution with its registered office in one of the countries of destination of the supplies. The contracting authority reserves the right to accept or refuse the posting of the bond through such an institution. The tenderer shall provide the name and address of this institution in the tender.

This derogation is intended to provide local tenderers with the opportunity to submit a tender, taking into account the specific requirements of the contract.

6.3. **Deadline for submitting the performance bond (Art. 27)**

The successful tenderer is required to provide proof of the posting of the performance bond within 30 calendar days from the conclusion of the procurement contract.

The period specified above is suspended during the period of closure of the supplier's business for paid annual holidays and the days off in lieu stipulated by regulation or by a collective binding labour agreement.

6.4. **Posting of the performance bond (Art. 27)**

The performance bond must be posted by the successful tenderer in one of the following ways:

- (a) Cash deposit : Deposit the amount in the account of the Deposit and Consignment Office ([Dutch](#) or [French](#) procedure to enter a deposit in e-DEPO) or of a public institution performing a similar function similar;
- (b) Public Funds: Deposit with the State cashier at the National Bank's headquarters in Brussels or one of its provincial branches, on behalf of the Deposit and Consignment Office or a similar public institution;
- (c) Joint surety : By the deposit, via an institution that lawfully carries out this activity, of a deed of joint surety with the Deposit and Consignment Office or with a similar public institution;
- (d) Guarantee : Provide the deed of undertaking of the credit institution or the insurance company.

6.5. **Proof of deposit (Art. 27)**

Proof of posting the performance bond must be provided as applicable by submission to the contracting authority of:

- (a) A deposit receipt from the Deposit and Consignment Office or a similar public institution;
- (b) A debit notice from the credit institution or insurance company;
- (c) An deposit certificate issued by the State Cashier or a similar public institution;
- (d) The original copy of the deed of joint surety stamped by the Depot and Consignment Office or by a similar public institution;
- (e) The original copy of the deed of undertaking issued by the credit institution or the insurance company granting a guaranty.

These documents, signed by the depositor, must state why the performance bond was posted and its precise usage, consisting of a concise indication of the subject-matter of the procurement contract and a reference to the procurement documents, as well as the name, first name and full address of the supplier and, where relevant, that of the third party that made the deposit on the supplier's account, bearing the statement 'lender' or 'mandatory', as appropriate.

Proof that the required performance bond has been posted must be sent to the address that will be mentioned in the contract conclusion notification.

6.6. **Release of bond**

If the contracting authority confirms acceptance of the supplies, the bond shall be released, even if the supplier has made no such request.

50% of the bond will be released after provisional acceptance of the contract, and the remaining 50% after final acceptance of the entire contract (at the end of the warranty period).

SECTION (C) - THE PUBLIC CONTRACT DOCUMENTS

7. CONFORMITY OF PERFORMANCE (ART. 34)

The supplies must comply in all respects with the procurement documents. In the absence of specific technical specifications in the procurement documents, the performance of the contract must meet the highest standards of good practice in the relevant field.

SECTION (D) - CHANGES TO THE PUBLIC CONTRACT

8. REPLACEMENT OF THE SUPPLIER (ART. 38/3, °1)

8.1. Scope

The clause may be applied in case the supplier is unable to continue the performance of the contract due to termination of the contract (art. 61, 62 or 62/1, °2 of the "GIR") or after taking an ex officio measure (art. 47 of the "GIR").

8.2. Nature of the amendment

In derogation of art. 47, § 2, °3 of the "GIR", the contracting authority may, in all the above cases, immediately award a new contract to the subcontractor(s) of the supplier already involved in the performance of the contract or to the second-ranked tenderer, for all or part of the contract still to be performed, and this without initiating a new award procedure. This agreement will take the form of an amendment to the original contract to be concluded between the contracting authority and the new supplier.

8.3. Conditions under which this revision clause may be used

Provided that they meet the selection criteria and the exclusion grounds set out in this document, and if they can meet the initial conditions of the contract, the contracting authority may conclude a contract for account with the supplier's subcontractor(s) already involved in the performance of the contract. To this end, the contracting authority shall contact the subcontractor(s) or his (their) representative(s), asking whether he (they) can meet the original terms of the contract. If the subcontractor(s) cannot meet the original conditions, a contract for account may be concluded under amended conditions. Before concluding such an amended contract, the contracting authority shall check whether the new conditions are still more advantageous than those of the tenderer ranked second during the evaluation of the tenders under the original award procedure. If this is not the case, the contracting authority will conclude a contract for account as referred to in the paragraph below.

If the contracting authority is unable or unwilling to avail itself of the option mentioned in the preceding paragraph, a contract for account may be concluded with the tenderer who was ranked second during the evaluation of the tenders under the original award procedure, provided that he meets the selection criteria and the exclusion grounds set out in this document. To this end, the contracting authority contacts the second-ranked tenderer or his representative to ask whether he agrees to maintain his bid. If that bidder agrees without reservation, the contracting authority proceeds to award and conclude the contract for account. If the tenderer in question does not agree to maintain the terms of his initial tender or if his modified tender does not remain the most economically advantageous on the basis of the evaluation of the tenders under the original award procedure (after exclusion of the initial supplier), the contracting authority shall address itself:

- (a) either successively, according to the ranking, to the other regular tenderers. In this case too, the contracting authority contacts the tenderer concerned or his representative to ask whether he agrees to maintain his tender. If that tenderer agrees without reservation, the contracting authority proceeds to award and conclude the contract for account ;

- (b) or simultaneously to all the other regular tenderers, asking them to revise their tender, on the basis of the initial terms of the contract, in order to award and conclude the contract on the basis of the tender that has become the most economically advantageous.

In any case, the contracting authority shall ensure that verification of the absence of grounds for exclusion and compliance with the selection criteria has taken place in an impartial and transparent manner, either in the context of the initial award procedure or at the time of the conclusion of the contract for account, so that no contract is awarded to a tenderer (or subcontractor) who should have been excluded or who does not meet the selection criteria.

The minimum requirements of qualitative selection may, where appropriate, be adjusted in proportion to the remaining part of the contract if the contract for account is concluded only for part of the contract still to be performed.

The contract for account will be concluded by means of an amendment to the original contract, which will be signed by the contracting authority and the new supplier. If the contract has already been partially performed, this amendment will accurately mention all parts of the contract that still need to be performed. The amendment shall also mention all the changed conditions compared to the original tender of the initial supplier, and compared to the original tender of the new supplier. If necessary, the amendment shall state the method of application of the original conditions to the remaining part of the contract. All other conditions stated in the contract documents (the tender specifications and the original tender of the initial or new supplier), shall continue to apply unchanged.

If a contract for account is concluded, a copy of the amendment concerning the contract to be concluded shall be sent to the initial supplier by electronic transmission, in deviation from art. 47, § 3 (3) of the "GIR". If, following the application of an ex officio measure (art. 47 of the "GIR"), the price of the new contract for account concluded is higher than that of the initial contract, the initial supplier shall bear the additional costs.

9. REVISION OF PRICES (ART. 38/7)

Price revisions are not allowed under this contract.

10. INDEMNITIES FOR SUSPENSIONS ORDERED BY THE CONTRACTING AUTHORITY DURING CONTRACT PERFORMANCE (ART. 38/12)

- 10.1. The contracting authority reserves the right to suspend the performance of the contract for a given period, mainly because it considers that the procurement contract cannot be performed without inconvenience at that time.
- 10.2. The performance period is extended by the period of delay caused by this suspension, provided that the contractual performance period has not expired. If it has expired, the return of fines for late performance may be agreed.
- 10.3. When activities are suspended, based on this clause 10.3, the supplier is required to take all necessary precautions, at his expense, to protect the supplies already performed and the materials from potential damage caused by unfavourable weather conditions, theft or other malicious acts.
- 10.4. The supplier has a right to damages for suspensions ordered by the contracting authority when:
 - (a) The suspension lasts in total longer than one twentieth of the performance period and at least ten working days or fifteen calendar days, depending on whether the performance period is expressed in working days or calendar days;
 - (b) The suspension is not due to unfavorable weather conditions or other circumstances beyond the contracting authority's control which, in the contracting authority's discretion, constitute an obstacle to the continued performance of the contract at that time;
 - (c) The suspension occurs during the contract's performance period.

11. UNFORESEEABLE CIRCUMSTANCES

- 11.1. As a general rule, the supplier is not entitled to request modifications to the contractual terms for circumstances unknown to the contracting authority.
- 11.2. A decision by the Belgian state to suspend cooperation with a partner country, or a decision of a government of a partner country to suspend cooperation with the Belgian state, constitutes an unforeseeable circumstance under this clause 11. In the event that the Belgian state or the partner country terminates or ceases activities, which implies therefore the financing of this public contract, Enabel will make reasonable efforts to negotiate a fair maximum compensation amount.

12. TAXATION HAVING AN EFFECT ON THE VALUE OF THE PUBLIC CONTRACT (ART. 38/8)

- 12.1. For this public contract, a price revision resulting from a change in taxation is possible if the case occurs in Belgium or in the country of performance concerned by this public contract and has an incidence on the value of the public contract.
- 12.2. Such price revision is only possible if both the following conditions apply:
- (a) The change entered into force after the tenth day preceding the deadline for submission of tenders, and
 - (b) Either directly, or indirectly by means of an index, such taxation is not included in the revision formula provided for in procurement documents in application of Article 38/7 of the "GIR".
- 12.3. In the event of an increase in charges, the supplier must prove that it has actually borne the additional charges it has claimed and that they are related to the performance of the contract.

In case of a reduction, there is no revision if the supplier proves that he paid the charges at the old rate.

13. TERMS OF INTRODUCTION (ART. 38/14 TO 38/17)

- 13.1. The contracting authority or the supplier who wishes to rely on one of the review clauses, as referred to in Articles 38/9 to 38/12 of the "GIR", must give written notice of the facts or circumstances invoked on which it relies within 30 days, either after they occurred or after the date on which the contracting authority or the supplier should normally have known about them.
- 13.2. The supplier may only invoke the application of one of these review clauses if it succinctly discloses the influence of the facts or circumstances invoked on the course and cost of the contract to the contracting authority within the period mentioned under clause 13.1, regardless of whether the contracting authority is aware of the facts or circumstances.

SECTION (E) - CONTROL AND MONITORING OF THE PUBLIC CONTRACT

14. PRELIMINARY (TECHNICAL) INSPECTION (ART. 42)

- 14.1. As a rule, products should not be processed before being approved by the managing official or his authorised representative.
- 14.2. The following tests are foreseen:
- 14.3. Products that at a given stage do not satisfy the inspection tests imposed will be declared unfit for inspection. Upon the request of the supplier, the contracting authority verifies whether the products have

the required qualities or at the very least comply with good practice and satisfy the conditions of the contract.

If certain products are destroyed during verification, the supplier replaces these at its own expense.

Where the contracting authority declares that the product presented is not in the required condition for examination, the inspection request by the supplier will be considered not having been made. A new request is made when the product is fit for examination.

SECTION (F) - PERFORMANCE MODALITIES

15. ORDER FORMS (ART. 115)

16. DEADLINES AND TERMS (ART. 116)

16.1. The supplier must deliver the goods within **140 (one hundred and forty) calendar days**, starting from **the day after the date on which the service provider received the contract conclusion notification letter**.

17. PLACE OF PERFORMANCE (ART. 118)

The supplies must be delivered at the following addresses:

Site	Link
Weather Station in Xai-Xai - Gaza	https://maps.app.goo.gl/WtGSTSg4AW4r47Ly8
Weather Station in Mopeia - Zambezia	https://maps.app.goo.gl/Be96UhXsrCPUwFMh7
Weather Station in Moma - Nampula	https://maps.app.goo.gl/UMtzzeAohxedSs8r6

18. TRANSFER OF OWNERSHIP (ART. 132)

The contracting authority automatically becomes the owner of the supplies as soon as they have been accepted for payment pursuant to Article 127 of the "GIR".

SECTION (G) - MEANS OF ACTION

19. FAILURE OF PERFORMANCE (ART. 44)

19.1. The supplier shall be considered in breach of this public contract under the following circumstances:

- (a) When contract performance is not carried out in accordance with the conditions specified in the procurement documents;
- (b) When, at any time, contract performance has not progressed in such a way that it can be fully completed on the due dates;

- (c) When the supplier fails to comply with written orders issued in due form by the contracting authority.

Any failure to comply with the provisions of the public contract, including the non-compliance with orders from the contracting authority, will be documented in a report ('process verbal'). A copy of this report will be sent immediately to the supplier either by registered post or e-mail (with proof of the exact dispatch date).

- 19.2. The supplier must address the defects without delay. He may assert his right of defence, either by registered post or e-mail (with proof of the exact dispatch date), addressed to the contracting authority within fifteen days from the date of dispatch of the report (process verbal). Silence on his part after this period shall be deemed as acknowledgement of the reported facts.
- 19.3. Any defects that can be attributed to the supplier may result in the application of one or more measures as provided in Articles 45 to 49, 123 and 124 of the "GIR".

20. FINES FOR DELAY (ART. 46 AND 123)

- 20.1. Fines for delay differ from penalties referred to in Article 45 of the "GIR". They are due, without the need for notice, by the mere lapse of the performance period without the issuing of a report and they are automatically applied for the total number of days of delay.
- 20.2. Fines for delay are calculated, according to Article 123 of the "GIR", at a rate of **0.1%** per day of delay, with a **maximum of 7.5%**, of the value of the supplies that were delivered with the same delay.
- 20.3. If the execution deadline is an award criterion, the penalty rate may increase to a **maximum of 10%**, depending on the weight assigned to this criterion in the tender specifications.
- 20.4. Without prejudice to the application of these fines, the supplier shall indemnify the contracting authority where appropriate against any damages owed to third parties on account of its delay in performing the contract.

21. MEASURES AS OF RIGHT (ART. 47 AND 124)

- 21.1. When, upon the expiration of the deadline specified in Article 44, § 2 of the "GIR", to present justifications, the supplier has remained inactive or has submitted justifications deemed insufficient by the contracting authority, the latter may invoke the measures as of right outlined in clause 21.2. However, the contracting authority may apply these measures before the expiration of the aforementioned term when the supplier has explicitly acknowledged the identified shortcomings.

- 21.2. The measures as of right are:

- (a) Unilateral termination of the contract. In this case the entire performance bond, or if no bond has been posted an equivalent amount, is acquired as of right by the contracting authority as lump sum damages. This measure excludes the application of any fine for delay in performance in respect of the terminated part;
- (b) Completion of all or part of the unfulfilled contract by the contracting authority itself;
- (c) Conclusion of one or more replacement contracts with one or more third parties for all or part of the contract remaining to be performed.

The measures outlined in points (a), (b), and (c) will be executed at the expense, risk, and peril of the defaulting supplier. However, any fines or penalties imposed during the performance of a replacement contract will be borne by the new supplier.

SECTION (H) - END OF THE PUBLIC CONTRACT

22. ACCEPTANCE OF THE PRODUCTS DELIVERED (ART. 64, 120 AND 128-131)

- 22.1. The contracting authority checks the deliveries at the place of delivery. The supplies will not be accepted until after having satisfied the inspections, technical acceptance operations and prescribed tests. Any damage shall be recorded. The result of this inspection and the exact date of arrival of the deliveries shall be recorded in a report or, where applicable, on the delivery note or invoice referred to in Article 118, § 2 of the "GIR".
- 22.2. Upon expiry of the thirty-day period starting from delivery, as appropriate, a report of provisional acceptance or refusal of acceptance will be drawn up.
- 22.3. In this contract, provisional acceptance is carried out as follows: Full acceptance is carried out at the place of delivery without prior partial acceptance at the place of manufacture. Provisional Acceptance is completed in full at the place of delivery. The contracting authority has thirty (30) days to inspect and test the supplies and notify the supplier of its acceptance or rejection. This period begins the day after the supplies arrive at the place of delivery, provided that the contracting authority has received the delivery note or invoice. The thirty-day period provided for in Article 127 of the "GIR" (clause 25) is included herein.

23. GUARANTEE PERIOD (ART. 65 AND 134)

The warranty period commences on the date on which provisional acceptance is given. It lasts for **1 year**.

24. FINAL ACCEPTANCE (ART. 135)

- 24.1. Final Acceptance occurs upon expiry of the warranty period. It is implicit when the delivery has not led to any claims during said period.
- 24.2. If delivery has led to complaints during the warranty period, a report of final acceptance or refusal of acceptance will be issued within 15 days prior to the expiry of said period.

25. INVOICING AND PAYMENT (ART. 66-72 AND 127)

- 25.1. The contracting authority shall verify and pay the amount due to the supplier within a processing period of thirty days from delivery, provided that the contracting authority is in possession of the duly established invoice.
- 25.2. Only deliveries that have been performed correctly may be invoiced. The invoice must be issued in **EUR**.
- 25.3. If delivery takes place in several instalments, the processing period shall commence on the date of delivery for each partial delivery.
- 25.4. The service provider sends (one copy only of) the invoices and the contract acceptance report (original copy) to the following address: **Enabel in Mozambique, Belgian International Cooperation agency, Avenida do Zimbabwe n°385, Maputo, Mozambique**, as well as a digital copy at the following email address: invoice.moz@enabel.be.
- 25.5. In order for Enabel to obtain the VAT exemption and customs clearance documents as quickly as possible, the original invoice and all ad hoc documents will be transmitted as soon as possible before provisional acceptance.
- 25.6. The payment schedule will be the following:

Phase	Conditionality	Amount percentage
Phase 1 - Procurement Preparation, Logistics, and Inception	Completion and approval of all phase 1 deliverables, as described in Section 4. Methodology	20%
Phase 2 - Installation and Commissioning of AWS Equipment	Completion and approval of all phase 2 deliverables, as described in Section 4. Methodology	50%
Phase 3 - Capacity Building and Training	Completion and approval of all phase 3 deliverables, as described in Section 4. Methodology	30%

26. ADVANCE PAYMENTS

26.1. Notwithstanding clause 25.2 and in accordance with Art. 67, §1, °1, b) of the “GIR”, an advance of 20 per cent of the initial contract amount may be granted to the supplier.

26.2. No advance is granted before:

- (a) Notification of the conclusion of the public contract;
- (b) A written dated demand submitted to the contracting authority;
- (c) A **financial guarantee for the full amount of the advance** is provided. The guarantee will only be released when the amount of the advance has been fully covered by the performance of the public contract and has been the subject of invoices approved by the contracting authority. This financial guarantee must enable the contracting authority to obtain reimbursement of the advance it has paid in the event of total or partial non-performance of the public contract.

26.3. Payment of the advance may be suspended if it is found that the supplier does not comply with his contractual obligations or if they contravene the provisions of Article 7 of the Law of 17 June 2016 on public procurement.

26.4. The advance shall be deducted from the payments due to the contractor in two stages:

- The first half of the advance payment is deducted when performance reaches at least 30% of the initial value of procurement.
- The second half is deducted when performance reaches 60% of the initial value.

5 TERMS OF REFERENCE

1. CONTEXT AND BACKGROUND

1.1 Mozambique's Vulnerability to Climate Disasters

Mozambique is among the ten countries most vulnerable to climate-related disasters worldwide, primarily due to its geographic exposure and high poverty levels. Over the past 30 years, at least 14% of the population has been affected by droughts, floods, or tropical storms. Remarkably, over half (53%) of these disasters have occurred within the last two decades.

Despite this increasing frequency and intensity of climate shocks, Mozambique- like many other countries- continues to lack comprehensive early warning systems. The reach of climatological and hydrological monitoring infrastructure remains limited, and few robust regulatory frameworks effectively link early warning messages to emergency preparedness and response plans.

However, early warning systems are widely recognized as highly effective and cost-efficient tools for risk reduction:

- Investments in early warning systems can save more than ten times the costs in avoided losses.
- A 24-hour advance warning can reduce damages by up to 30%.

Acknowledging this, the Mozambican government launched the “One District, One Meteorological Station” initiative to expand the climate monitoring network, enhance weather forecasting capacity, and contribute to the reduction of disaster-related losses and damages, while supporting socio-economic development. This initiative aligns with the UN’s global “Early Warning for All” campaign, targeting full implementation by 2027.

1.2 About the Tender

As part of the Junt@s4Clima portfolio, Enabel, in partnership with Mozambican institutions, is supporting the development of a people-centered early warning system in the Meluli and Nhamacurra River Basins, along with district pilot programs. A key focus is expanding and strengthening the network of weather stations across Mozambique.

This initiative involves:

- Construction of weather station buildings in Xai-Xai, Mopeia, and Moma, which is currently underway.
- Supply and on-site installation of three automatic weather stations, including spares parts and related equipment, in Xai-Xai, Mopeia, and Moma.
- Capacity building for INAM and government local technicians to ensure operational sustainability.

This expansion aims to improve the availability, quality, and accuracy of hydrometeorological data-supporting early response, water resource management, and disaster preparedness. The upgraded infrastructure will provide local authorities and decision-makers with a more reliable foundation for swift action in response to extreme weather events.

1.3 Enabel's Mozambique portfolio (2023-2028)

The Belgian-Mozambique Cooperation Strategy 2023-2027, validated by the Belgian Minister of Cooperation in July 2022, addresses the growing climate vulnerability of Mozambique, marked by increasingly intense and frequent extreme weather events.

General Objective: The portfolio aims to support and institutionally strengthen Mozambique so that the transition to a climate-resilient and low-carbon economy can be achieved in an inclusive way with consideration of vulnerable communities in both rural and urban areas.

Specific Objective: Mozambican authorities and communities, including women, youth, and other vulnerable groups, are strengthened to actively engage together in a –cross-sectoral coordination, specifically focusing on improved climate proofed public services, enabling policies and initiatives for energy transition.

Portfolio Structure: The portfolio consists of three interconnected and complementary interventions:

- 1) Intervention 1 – Climate Resilience and Energy Transition (CRET): This is the heart of the portfolio with five components:
 - a. Result 1: Policy Dialogue on Climate Resilience and Energy Transition: Improve policy formulation, adoption, and implementation by the Government of Mozambique (GoM), local authorities, communities, and civil society for climate resilience and just energy transition.
 - b. Result 2: Losses & Damages: Design and implement climate-resilient and low-carbon plans and budgets focused on anticipating losses and damages.
 - c. Result 3: Access to Energy: Enhance access to sustainable and clean public energy services, especially in off-grid areas.
 - d. Result 4: Access to Water: Improve the sustainability of climate-resilient drinking water supply and solar-powered irrigation systems in rural areas.
 - e. Result 5: Waste Management and Circular Economy: Implement sustainable waste management and promote a circular economy with involvement from government bodies and civil society.
- 2) Intervention 2 - STEP: Strengthen capacities and act as a catalyst for mobilizing climate finance for national priorities, aligning closely with the main intervention.
- 3) Intervention 3 – Debt for Climate Swap (D4CS): Provide additional funding to support the losses and damages component of the first intervention.

For actions related to Loss and Damage (CRET/Result 2 and D4CS), Enabel's support is aligned with Mozambique's Master Plan for Disaster Risk Reduction 2017–2030, which seeks to mainstream disaster and climate resilience into public planning, budgeting, and investment processes. Furthermore, these actions are consistent with the sector's broader initiatives and priorities, including disaster risk reduction, early warning systems, and measures to address loss and damage.

Key partners:

- **INGD** - National Institute for Disaster Risk Management and Reduction. The lead government agency responsible for coordinating national disaster risk reduction and climate resilience actions.
- **INAM** - National Institute of Meteorology. Mozambique's official meteorological authority, responsible for the collection, analysis, and dissemination of climate and weather data for public safety and sustainable development.
- **DNGRH** - National Directorate of Water Resources Management. An agency of the Ministry of Public Works, Housing and Water Resources, DNGRH manages national water resources to ensure equitable and sustainable use across sectors.

2. OBJECTIVES

2.1 General objective

To strengthen Mozambique's national capacity for early warning, climate monitoring, and disaster-risk response through the supply, installation, and commissioning of Automatic Weather Station (AWS) equipment, and by developing the technical skills of INAM and district personnel to ensure sustainable operation and maintenance.

2.2 Specific Objectives

2.2.1 SO1 – Supply, Installation, and Commissioning of Automatic Weather Stations Equipment Packages

Expected Results (SO1) • Three complete AWS equipment packages are supplied in line with the technical specifications. • The AWS units are installed, activated, calibrated, and fully operational at their designated sites. • Data transmission, connectivity, and visualization systems are functional and integrated with INAM's national meteorological network. • Spare parts, maintenance toolkits, software licenses, and documentation are delivered and handed over to INAM. • The installed AWS systems demonstrate resilience under local environmental conditions. • Protective fencing units and all required mounting accessories are delivered and properly installed.
Scope of Work (SO1) The supplier shall: • Deliver three (3) complete Automatic Weather Stations equipment packages, including: ○ Full sensor suite and data logger; ○ Licensed software for setup, activation, calibration, processing, and visualization; ○ Access to an online data platform with secure credentials for INAM; • Deliver one (1) kits of Spare parts (combined wind speed and direction sensor, combined temperature and relative humidity sensor with radiation shield sensors, atmospheric pressure sensor, and replacement battery) per station; • Deliver one (1) maintenance toolkits (multimeter, pliers, screwdrivers, star wrench, reverse voltage regulator) per station; • Deliver one (1) protective fencing unit with padlock (light equipment protection) per station.
Technical Installation & Commissioning • Install AWS equipment and protective fencing units at the following locations: ○ Xai-Xai (Gaza Province) ○ Mopeia (Zambézia Province) ○ Moma (Nampula Province) • Activate and calibrate sensors and logging systems. • Configure data transmission, including SIM card setup. • Integrate each station with INAM's national monitoring network. • Conduct real-time functional testing and adjust calibration as required. • Provide commissioning reports for each site.
Documentation & Handover • Deliver operational documentation, calibration logs, installation reports, and warranty certificates. • Provide user credentials and system configuration files. • Conduct provisional and final handovers.

This contract covers only the supply of equipment and its technical installation. Installation refers strictly to the mounting, configuration, calibration, and activation of the AWS equipment and accessories including protective fencing units with padlocks, with no construction or structural works included.

Notes

- All equipment and components shall comply with the detailed technical specifications provided in this tender (annex document). These specifications define the minimum performance, quality standards, and functional requirements for all items to be supplied.
- The Automatic Weather Stations (AWS) equipment packages and protective fencing units must be designed to withstand extreme weather conditions, including strong winds and heavy rainfall. Accordingly, the supplier must ensure that all accessories required for secure mounting, stability, and long-term durability are included in the equipment package and properly installed to guarantee resilient operation.

2.2.2 SO2 – Training and Capacity Building

Expected Results (SO2)

- INAM technicians (national and provincial) demonstrate the ability to operate, maintain, and troubleshoot AWS equipment.
- District observers are able to perform routine checks and basic operational tasks.
- A clear, user-friendly operational and maintenance manual is produced in Portuguese and handed over to INAM.

Scope of Work (SO2)

The supplier shall:

- Prepare a user-friendly operational manual in portuguese covering:
 - Installation and activation;
 - Data collection, analysis, and management;
 - Preventive and corrective maintenance;
 - Troubleshooting procedures;
 - Safety and equipment handling.
- Conduct practical, on-the-job training during installation for INAM staff:
 - INAM HQ and provincial technicians;
 - District-level observers at installation sites.
- Include hands-on exercises, simulations, and practical demonstrations.
- Provide training materials in Portuguese.
- Collect participant feedback and conduct post-training competency checks.
- Issue certificates of attendance.

3. METHODOLOGY

The tenderer shall submit a methodology note (maximum 5 pages), describing the proposed approach delivering all services required under this contract. The methodology should demonstrate a clear understanding of the assignment, ensuring timely and high-quality delivery of AWS equipment, installation, commissioning, and capacity building activities.

At minimum, the methodology shall address the following elements:

3.1 Procurement Preparation, Logistics, and Initial Coordination

- Stakeholder Consultations: Conduct coordination meetings with Enabel and INAM to confirm the implementation schedule, installation arrangements, responsibilities, and access to sites.
- Training Needs Assessment: Carry out preliminary consultations with INAM technicians (national, provincial, district) to understand skill levels and define training needs that will shape the manual and training sessions.
- Document Review: Review technical specifications, manuals, previous documentation, and national meteorological network integration requirements.
- Procurement planning: Describing the proposed supply chain arrangements, including the selected manufacturer(s), sourcing strategy, quality assurance measures, availability of spare parts, and measures to ensure timely delivery.
- Supply Chain & Logistics Procedures: Present the logistics plan for transport, customs clearance (if applicable), storage, packaging, and shipment to each installation site. Describe risk mitigation measures related to delays, foreign exchange issues, transport damage, or supply chain disruptions.
- Pre-Installation Preparations: Explain how equipment inspection, inventory checks, verification of completeness, and packaging integrity will be conducted prior to dispatch and upon arrival at each site.

3.2 Approach to Supply, Installation and Commissioning of AWS Equipment

- Installation Methodology: Describe the proposed technical approach for installing AWS equipment on pre-existing civil works structures, ensuring secure mounting, calibration, weatherproofing, and robust data connectivity.
- System Configuration: Detail the steps for software setup, activation, calibration, data storage configuration, and integration into INAM's national monitoring network.
- Quality Assurance: Explain testing procedures, calibration verification, accuracy checks, and acceptance protocols.
- Documentation Production: Describe how installation reports, calibration logs, configuration files, and warranty documentation will be produced and validated.

3.3 Approach to Capacity Building and Knowledge Transfer

- Manual Development: Explain the process for producing a user-friendly operational and maintenance manual in Portuguese, adapted to the needs of INAM and district observers.
- Training Design: Describe the structure of the training program, pedagogical principles, balance between theory and practical exercises, and session formats.
- Training Delivery: Outline how on-site hands-on training sessions will be conducted in Xai-Xai, Mopeia, and Moma during the installation period.
- Competency Verification: Describe how learning will be evaluated, including practical assessments and feedback tools.

3.4 Reporting, Handover, and Knowledge Capture

- Progress & Deliverables Monitoring: Indicate tools, checklists, or monitoring dashboards used to ensure timely completion of all contractual deliverables.

- Risk Management: Identify anticipated risks and propose mitigation measures related to logistics, equipment supply, weather constraints, technical integration, or training delivery.
- Handover Approach: Explain how final documentation, software licenses, toolkits, spare parts, and user credentials will be transferred to INAM and Enabel.
- Lessons Learned & Knowledge Capture: Describe the approach for documenting operational challenges, user experience, and recommendations to support future strengthening of INAM's meteorological capacity.

3.5 Work Plan

The tenderer shall submit a detailed work plan consistent with the methodology and requirements of this Terms of Reference (ToR).

The work plan must outline activities, sequencing, responsible personnel, and expected deliverables. Implementation follows three main phases, covering procurement preparation, installation and commissioning, and capacity building.

Phase	Objectives	Activities	Deliverables	Timeline
<i>Phase 1- Procurement Preparation, Logistics, and Inception</i>	Ensure readiness for procurement, logistics, installation, and training, and establish a shared understanding of the implementation plan.	• Hold a kick-off meeting with Enabel and INAM within one week of contract award notification to review timelines, logistics, equipment requirements, and roles. • Finalize procurement arrangements (supplier confirmation, compliance verification, procurement scheduling). • Prepare logistics plan (transport, packaging, site delivery coordination). • Conduct pre-dispatch checks to ensure equipment completeness and compliance with technical specifications. • Review existing technical documents and conduct preliminary consultations with INAM	• Enhanced Inception Report, including revised methodology, detailed logistic plan, and procurement schedule. • Draft operational and maintenance manual (Portuguese).	Within 2 weeks after award notification.

		technicians to refine training needs. • Present the draft operational manual for initial comments.		
<i>Phase 2- Installation and Commissioning of AWS Equipment</i>	Deliver AWS equipment, install and calibrate all components, configure data transmission, ensure integration with INAM systems, and hand over fully operational stations.	• Coordinate delivery and conduct joint inspection upon arrival at each site. • Install AWS equipment on pre-existing structures. • Activate and calibrate all sensors and logging systems. • Configure software, data visualization platform, and connectivity (SIM activation, network checks). • Integrate each AWS into INAM's national meteorological network. • Install protective fencing and secure accessories (light structure only). • Perform functional tests to verify correct data logging and transmission. • Prepare installation and commissioning reports. • Conduct provisional handover to Enabel and INAM.	• Fully installed, calibrated, and data-transmitting AWS. • Delivery, installation, and commissioning reports. • Spare parts, toolkits, and software delivered. • Provisional handover documentation.	Within 17 weeks after award notification.

<i>Phase 3- Capacity Building and Training</i>	Ensure INAM and district technicians can independently operate, maintain, and troubleshoot AWS systems.	• Complete and validate the operational manual. • Develop and validate detailed training agenda and materials. • Conduct three practical, on-site training sessions (aligned with installations) for INAM staff and district observers. • Assess participant performance through hands-on exercises and feedback tools. • Document lessons learned and training outcomes.	• Final validated operational and maintenance manual (Portuguese). • Training agenda and training materials. • Training reports for each site (attendance, feedback, assessment results). • Consolidated lessons-learned document.	Within 18 weeks after award notification: • Operational and maintenance manual (Portuguese version) finalized and validated by Week 6 after contract award notification; • Training agenda and materials finalized by Week 8; • On-site training sessions in Xai-Xai, Mopeia and Moma conducted between Weeks 14 and 17, aligned with installation and commissioning activities; • Training reports and consolidated lessons-learned document submitted by Week 18.

4. ESTIMATED WORKLOAD

The quantities of “man/days” indicated below serve as guidance only. The tenderer shall propose an adequate work plan and resource allocation to carry out all services and deliverables — specifically the installation of AWS equipment, the development of user-friendly operational guidelines, and the training of technicians — for a lump-sum price.

The tenderer remains fully responsible for mobilizing sufficient human resources to ensure completion of all tasks, even if this exceeds the indicative man/day quantities. Profile qualifications and experience requirements must be respected irrespective of workload distribution.

Phases	Workload in days	
	Field	Office
Phase 1-Procurement Preparation, Logistics, and Inception	0	10
Phase 2 – Installation and Commissioning of AWS Equipment	15	6
Phase 3 – Capacity Building and Training	9	5
TOTAL	24	21

5. TECHNICAL SPECIFICATIONS FOR EQUIPMENT

The tenderer shall complete the table below with detailed information for each equipment or material item, including brand, type, model, main functionalities, characteristics. The tenderer must provide clear photographs of each item. All items must comply with the requirements of this public tender and the detailed technical specifications provided in the annex document.

Note: The protective fencing is a light protective structure.

Automatic Weather Station Equipment- Technical Specifications			
No	Image	Equipment type	Technical Specifications
1		Complete Automatic Weather Stations (AWS) equipment packages	
2		Protective fencing for AWS (light structure)	
3		Padlocks for protective fencing door	
Maintenance tools Kit			
4		Multimeter	
5		Pliers	
6		Screwdrivers	
7		Star wrench	
8		Reverse voltage regulator	
Spare parts			
9		Battery (replacement)	
10		Combined wind speed and direction sensor	
11		Combined temperature and relative humidity sensor	
12		Atmospheric pressure sensor	
Software & Data Access			
13		Licensed software for setup, activation, calibration, and visualization	
14		Access credentials for online data platform (real-time visualization)	

6. ATTACHMENT

See Annex: Detailed Technical Specifications.

6 OVERVIEW OF THE DOCUMENTS TO BE SUBMITTED

- (a) Identification of the tenderer (for each participant for tenders submitted by a group) (see clause 1 of Chapter 7 Forms);
- (b) List of subcontractors (see clause 2 of Chapter 7 Forms);
- (c) Tender form - Prices (clause 3 of Chapter 7 Forms)
- (d) The declaration on honour – Exclusion grounds (for each participant for tenders submitted by a group) (see clause 4 of Chapter 7 Forms);
- (e) Financial identification form (clause 5 of Chapter 7 Forms);
- (f) Integrity statement for the tenderers (clause 6 of Chapter 7 Forms);
- (g) Updated certification of registration;
- (h) The document certifying that the tenderer is in order with the payment of social contributions;
- (i) The document certifying that the tenderer is in order with the payment of taxes;
- (j) An extract from the criminal record or an equally valid document issued by the competent judicial or administrative authority in the country of origin for the entity only or for its director(s);
- (k) All documents demanded in Chapter 5 Terms of Reference;
- (l) All documents demanded in clause 12 of chapter 3 Award Procedure (qualitative selection);
- (m) All documents demanded in clause 14 of chapter 3 Award Procedure (award criteria);
- (n) Where an economic operator wants to rely on the capacities of other entities (particularly subcontractors or independent subsidiaries) with regard to the criteria of economic and financial capacity or technical and professional aptitude (see clause 12 of chapter 3 Award Procedure), it shall prove to the contracting authority that it will have at its disposal the resources necessary, for example, by producing a commitment by those entities to that effect;
- (o) A detail of the prices quoted, listing for each item the various elements that are included in the price and the applicable taxes;
- (p) The statutes and any other document required to establish the power of attorney of the signer(s) (for each participant for tenders submitted by a group);
- (q) Where the tender is submitted by a group of economic operators, the association agreement signed by each participant, clearly showing who represents the association.

7 FORMS

1. IDENTIFICATION FORM

Identification Form - Natural person

This form must be completed, signed and accompanied by a legible photocopy of the identity document.

Please complete the form in CAPITAL LETTERS and LATIN LETTERS.

I. PERSONAL DATA	
FAMILY NAME(S) <i>As indicated on the official document.</i>	
FIRST NAME(S) <i>As indicated on the official document.</i>	
DATE OF BIRTH <i>DD MM YYYY</i>	
PLACE OF BIRTH <i>(town, village)</i>	
TYPE OF IDENTITY DOCUMENT <i>(identity card, passport, driving licence etc.)</i>	
ISSUING COUNTRY	
IDENTITY DOCUMENT NUMBER	
ADDRESS (permanent) <i>Street+ P.O. Box Postal code City, Region/Province Country</i>	
TELEPHONE NUMBER	
E-MAIL	
II. BUSINESS DATA	
PLEASE SPECIFY YOUR STATUS:	☐ Duly registered independent ☐ Unregistered self-employed (no official formalisation) ☐ other (please specify):

REGISTRATION NUMBER (if applicable)	
VAT NUMBER (if applicable)	

PLACE OF REGISTRATION (if applicable)	
COUNTRY	

Identification Form - Legal person

This form must be completed, signed and accompanied by a copy of the official documents (articles of association, trade register(s), extract from the publication in the official gazette or VAT registration) substantiating the information given.

Please complete the form in CAPITAL LETTERS and LATIN LETTERS.

OFFICIAL NAME <i>As indicated on the official document.</i>	
COMMERCIAL NAME <i>(if different from official name)</i>	
ABBREVIATION <i>(if applicable)</i>	
LEGAL FORM	
TYPE OF ORGANISATION <i>(Delete as appropriate)</i>	- FOR PROFIT - NOT FOR PROFIT - NGO
PRINCIPAL REGISTRATION NUMBER	
SECONDARY REGISTRATION NUMBER <i>(if applicable)</i>	
PLACE OF REGISTRATION <i>City</i> <i>Country</i>	
DATE OF REGISTRATION <i>DD MM YYYY</i>	
VAT NUMBER	
ADDRESS OF REGISTERED OFFICE <i>Street+ P.O. Box</i> <i>Postal code</i> <i>City, Region/Province</i> <i>Country</i>	
TELEPHONE NUMBER	
E-MAIL	

2. LIST OF SUBCONTRACTORS

I (we) declare that the share of the public contract to be subcontracted is as indicated below.

Name and legal form	Address / Registered office	Object of engagement	Other entity within the meaning of paragraph 1 ^{er} of Article 73 of the R.D. of 18 April 2017 (YES/NO)*

* In accordance with Article 73 of the Royal Decree of 18 April 2017, where an economic operator wants to rely on the capacities of other entities (particularly subcontractors or independent subsidiaries) for economic and financial capacity criteria and technical and professional aptitude criteria, it shall prove to the contracting authority that it will have at its disposal the resources necessary, for example, by producing a commitment by those entities to that effect.

Any change of subcontractor compared to those indicated in the tender submitted will be submitted for approval to the contracting authority before intervention in contract performance, in particular in order to verify that the latter has the required capacity and does not subject to a reason for exclusion (Art. 73 – the Royal Decree of 18 April 2017 on the award of public contracts in the classical sectors; Art. 12-13 – Royal Decree of 14 January 2013 establishing the general rules for the execution of public contracts).

3. TENDER FORM - PRICES

The price taken into account in the evaluation process will be the TOTAL price for all phases.

Description	Unit	Prices in EUR (excl. VAT; including withholding taxes)
TOTAL for Phases 1, 2 and 3	Lumpsum price	
Percentage of VAT applicable %		
Total price VAT Included		

The

following cost breakdown shall be completed by the tenderer. It is requested for **indicative and contract management purposes only**, in order to provide Enabel with greater transparency regarding the composition of the financial offer and the estimated allocation of costs between the different phases of the assignment. This breakdown will **not** be evaluated separately and shall not affect the financial evaluation. For the purpose of the award, only the **total price covering all three phases**, as indicated in the table above, will be taken into account.

SUPPLY OF GOODS					
No.	Item Description	Qty	Unit	Unit Price (EUR, excl. VAT)	Total (EUR, excl. VAT)
1	Complete AWS Equipment Package (complete equipment package, including all sensors, data logger, licensed software, activation keys, online data platform access, and all accessories required for operation)- according to technical specifications	3	Package		
2	Replacement battery	3	Piece		
3	Combined wind speed & Direction sensor (replacement)	3	Piece		
4	Combined temperature & relative humidity sensor (replacement)	3	Piece		
5	Atmospheric pressure sensor (replacement)	3	Piece		
6	Protective fencing for AWS Equipment	3	Lumpsum per site		

7	Padlock for protective fencing	3	Piece		
8	Multimeter	3	Piece		
9	Pliers (set)	3	Set		
10	Screwdrivers (set)	3	Set		
11	Star wrench (set)	3	Set		
12	Reverse voltage regulator	3	Piece		
Subtotal – Supply of Goods					

SERVICES PER SITE						
No.	Service Description	Unit	Xai-Xai (EUR, excl. VAT)	Mopeia (EUR, excl. VAT)	Moma (EUR, excl. VAT)	TOTAL (EUR, excl. VAT)
1	Delivery and installation of AWS equipment packages (equipment mounting on pre-existing civil structures; -no civil works)	Lumpsum				
2	Delivery and installation of protective fencing (light protection structure)	Lumpsum				
3	Delivery of spare parts and toolkits to each site	Lumpsum				
4	Commissioning (activation, calibration, testing, data transmission configuration, network integration)	Lumpsum				
5	Training sessions, including: on-the-job practice, structured sessions, delivery of the Portuguese operational manual, and all training materials	Lumpsum				
Subtotal – Services						

NOTES:

- Financial proposals must be submitted in **EUR** and include all applicable taxes and costs.
- Proposals must **include** the applicable withholding taxes.
- Proposals must **exclude** VAT.
- Unrealistically low, unbalanced, or poorly justified prices may lead to disqualification.
- The tenderer's prices shall include **all costs necessary for the execution of the contract**, including but

not limited to:

- Fees and remuneration of all personnel
 - Travel, transport, accommodation, meals, and local mobility
 - Insurance and administrative expenses
 - Communication, documentation, printing, and translation costs
 - Packaging, transport, loading/unloading, handling, and delivery of equipment
 - Installation accessories and consumables
 - Licensing costs and access credentials for the AWS data platform
 - Development, printing, and delivery of manuals and training materials
 - Provision of certificates
 - Any subcontracted or third-party services required for contract execution.
- Enabel will cover per diem costs only for INAM and district government technicians during on-the-job training sessions and acceptance procedures. All other costs must be fully included in the tenderer's financial proposal.

4. DECLARATION ON HONOUR - EXCLUSION GROUNDS

Hereby, I / we, acting as legal representative(s) of above-mentioned tenderer/beneficiary/partner/co-contractor declare that the tenderer is not in any of the following cases of exclusion:

** Please tick the boxes to confirm each situation*

☐ **The counterparty or one of its directors has not been convicted by a final judicial decision of any of the following offenses:**

- a. Participation in a criminal organization;
- b. Corruption;
- c. Fraud;
- d. Terrorist offenses, offenses linked to terrorist activities or incitement to commit such offenses, complicity, or attempt;
- e. Money laundering or terrorism financing;
- f. Child labor and other forms of trafficking in human beings;
- g. Employment of third-country nationals in illegal residence;
- h. Creation of offshore companies.

☐ **The counterparty fulfills its obligations related to the payment of taxes, duties, and social security contributions for an amount exceeding €3,000, unless it can demonstrate that it holds one or more certain, due, and unencumbered claims against a contracting authority for at least the amount corresponding to the overdue tax or social debt.**

☐ **The counterparty is not in a state of bankruptcy, liquidation, cessation of activities, judicial reorganization, has not admitted bankruptcy, is not the subject of liquidation or judicial reorganization, or any analogous situation derived from similar procedures in other national regulations.**

☐ **The counterparty has not committed any serious professional misconduct that questions its integrity. Serious professional misconduct particularly includes:**

- a. Breach of Enabel's policy on sexual exploitation and abuse;
- b. Breach of Enabel's policy on fraud and corruption risk management;
- c. Violation of local legislation concerning sexual harassment at work;
- d. Serious false statements or use of false documents in providing information required for exclusion checks or selection criteria, or concealing information;
- e. Evidence sufficient to conclude anti-competitive acts, agreements, or arrangements;

Regarding conflict of interest:

Please tick the applicable box

☐ The counterparty or its directors have no actual or potential conflict of interest, no real or potential business or family relationship, nor appear to have such, with any member of Enabel's Board, personnel, or others involved in tender preparation, selection, or contract execution.

or

☐ The counterparty informs Enabel of any actual, potential, or reasonably perceived conflict of interest that may affect or appear to affect impartiality in the procurement, granting, selection, or contract execution process.

➔ *A detailed description of any such conflicts, including nature and persons involved, will be annexed to this declaration.*

☐ **The counterparty has not committed any serious or persistent failures during the execution of a prior essential contractual obligation with another contracting authority resulting in measures, damages, or comparable sanctions.**

☐ **The counterparty attests that no restrictive measures have been taken against it related to international peace and security violations such as terrorism, human rights violations, destabilization of sovereign states, or proliferation of WMD.**

☐ **The counterparty does not appear on any sanction lists maintained by the United Nations, European Union and Belgium .**

I/we commit to promptly inform Enabel of any change in the above points, including sanctions or embargo measure adopted by the United Nations, the European Union and/or Belgium occurring after our signature of this Declaration.

Done at:		Date:	
By (Name of entity):		Represented by (Full name)	
Signature of authorised representative:			

5. FINANCIAL IDENTIFICATION FORM

<u>BANKING DETAILS</u>	
ACCOUNT NAME	
IBAN/ACCOUNT NUMBER	
CURRENCY	
BIC/SWIFT CODE	
BANK NAME	

<u>ADDRESS OF BANK BRANCH</u>		
STREET & NUMBER		
TOWN/CITY	POST CODE	
COUNTRY		
<u>ACCOUNT HOLDER'S DATA</u> AS DECLARED TO THE BANK		
ACCOUNT HOLDER		
STREET & NUMBER		
TOWN/CITY	POST CODE	
COUNTRY		
SIGNATURE OF ACCOUNT HOLDER (Obligatory)	DATE (Obligatory)	

6. INTEGRITY STATEMENT FOR THE TENDERERS

Hereby, I / we, acting as legal representative(s) of above-mentioned tenderer, declare the following:

Neither members of administration or employees, or any person or legal person with whom the tenderer has concluded an agreement in view of performing the public contract, may obtain or accept from a third party, for themselves or for any other person or legal person, an advantage appreciable in cash (for instance, gifts, bonuses or any other kind of benefits), directly or indirectly related to the activities of the person concerned for the account of Enabel.

The board members, staff members or their partners have no financial or other interests in the businesses, organisations, etc. that have a direct or indirect link with Enabel (which could, for instance, bring about a conflict of interests).

I have / we have read and understood the articles about deontology and anti-corruption included in the Tender Documents (see 1.7.), as well as *Enabel's Policy regarding sexual exploitation and abuse* of June 2019 and *Enabel's Policy regarding fraud and corruption risk management* of June 2019 and I / we declare fully endorsing and respecting these articles.

If above-mentioned public contract is awarded to the tenderer, I/we declare, moreover, agreeing with the following provisions:

- In order to avoid any impression of risk of partiality or connivance in the follow-up and control of the performance of the public contract, it is strictly forbidden to the public contractor (i.e. members of the administration and workers) to offer, directly or indirectly, gifts, meals or any other material or immaterial advantage, of whatever value, to the employees of Enabel who are concerned, directly or indirectly, by the follow-up and/or control of the performance of the public contract, regardless of their hierarchical rank.
- Any (public) contract will be terminated, once it appears that contract awarding or contract performance would have involved the obtaining or the offering of the above-mentioned advantages appreciable in cash.
- Any failure to comply with one or more of the deontological clauses will be considered as a serious professional misconduct which will lead to the exclusion of the contractor from this and other public contracts for Enabel.
- The public contractor commits to supply, upon the demand of the contracting authority, any supporting documents related to the performance conditions of the contract. The contracting authority will be allowed to proceed to any control, on paperwork or on site, which it considers necessary to collect evidence to support the presumption of unusual commercial expenditure.

Finally, the tenderer takes cognisance of the fact that Enabel reserves the right to lodge a complaint with the competent legal instances for all facts going against this statement and that all administrative and other costs resulting are borne by the tenderer.

Signature preceded by 'read and approved', in writing, and indication of name and function of the person signing:

Place, date

8 ANNEX: AUTOMATIC WEATHER STATION EQUIPMENT- DETAILED TECHNICAL SPECIFICATIONS

1. AUTOMATIC WEATHER STATIONS EQUIPMENT PACKAGES (SENSORS, DATA LOGGER, POWER SUPPLY AND SOFTWARE)

List of Goods

#	Description of Goods
1	Combined temperature and relative humidity sensor with radiation shield
2	Solar radiation sensor
3	Rainfall sensor
4	Atmospheric pressure sensor
5	Combined wind speed and direction sensor
6	Soil temperature sensors for different levels (10; 20; 50 and 100 cm depth)
7	High performance Digital Data logger: housed in waterproof cabinet, LCD display, PC based data transmission software, communication ports, all necessary cabling
8	Power supply system: solar panel 12V and 50W power, AC-DC 12V regulator, 27 Ah battery, storage battery with casing
9	Data communication package: 4G LTE modem
10	Certification required for sensors

Technical Specifications

#	Equipment/ Sensor	Quantities	Description / Requirements	Sketches (Images are set for indicative purposes)
1	Combined temperature and relative humidity sensor with radiation shield	One per Weather Station, three in total	Temperature sensor: - Should have dirt and water resistant construction and corrosion resistant material - Measuring range: -80 to +60°C - Output: linear analog output voltage - Resolution: 0.1oC - Accuracy: +/- <0.1oC - Height: 1.25 to 2 meters - All necessary accessories and cabling Relative humidity sensor: Continuous measurement relative humidity sensor	

			• Range: 0 – 100% • Accuracy: +/- 1% (from 3 to 95%) • Excellent linearity and sensitivity with fast response and long-term stability • Requisite cable • Operating temperature range: -40 to 55°C • Height: 1.25 to 2 meters • All necessary accessories and cabling	
2	Solar radiation sensor	One per Weather Station, three in total	• Type: pyranometer type solar radiation sensor • Spectral range: 300 ~ 2800 nm • Resolution / Sensitivity: 10 micro volts/W/m2 • Response time: 10 seconds • Maximum irradiance: 2000 W/m2 • Non-linearity (0 ~ 1000 W/m): +/- 10 W/m2 • Non-stability (change/year): +/- 0.5% • Field of view: 180 Degrees • Operating temperature range: -40 to 80°C • Should have mechanism for ensuring sensor is level, and for adjusting as necessary to assure sensor is level • All necessary accessories and cabling	

3	Rainfall sensor	One per Weather Station, three in total	• Type sensor: Tipping bucket (double spoon) / reed switch • Diameter of aperture: 225mm • Orifice: 400 cm2 • Rainfall capacity per day: 500mm • Capacity per minute: max. 30 tips (3 resp. 6mm) • Signal output: pulse signal • The bucket tips for each 0.2mm of precipitation empties and operates the output switch • Switch: rugged magnetic proximity switch • Accuracy: 0.2 mm or better • Mounting with three mounting legs; with requisite cable • Stainless steel housing • Stainless steel fasteners • Resolution / Sensitivity: 0.1mm • Switch closer time: < 10 millisecond • Operating temperature range: 0 to 70°C • Mechanism for ensuring sensor gauge is level and adjusting as required • Height: 1.2 meters • All necessary accessories and cabling	
4	Atmospheric pressure sensor	One per Weather Station, three in total	• Range: 500 ~ 1100 hpa • Solid state • RS-232-C, RS-485 or SDI-12, and linear analog output voltage • Uncertainty : 0.15 hpa or better • Accuracy: +/- 0.1 hpa • Waterproof PVC casing • Operating temperature range: -40 to 55°C	

			- static pressure head / means to vent pressure sensor while mitigating the influence of the effects of wind on pressure reading - Height: 1.2 meters - All necessary accessories and cabling	
5	Combined wind speed and direction sensor	One per Weather Station, three in total	Wind speed sensor: - Should have dirt and water resistant construction and corrosion resistant materials with the following specifications and requisite mounting hardware and cable. - Type of sensor: 03 cup or propeller type - The sensor uncertainty must be 0.5 m/s for Wind Speed ≤ 5 m/s and 10% > 5 m/s. - Measuring range: the maximum measurement range must be 0-100 m/s.. - Wind Gust may reach 150 m/s. - Reporting Resolution for Wind Speed must be 0.5 m/s. - Reporting Resolution for Wind Gust (if measured) must be 0.1 m/s. - Uncertainty: must be 0.5 m/s for Wind Speed ≤ 5 m/s and 10% > 5 m/s. - Accuracy: ± 0.3 m/s - Operating temperature: -10 to +70°C - Relative humidity: 0 – 100% - Height: 10 meters - All necessary accessories and cabling Wind direction sensor:	

			• Should have dirt and water resistant construction and corrosion resistant material. • Type of sensor: potentiometer • Measuring range: 0 to 360 degree • Starting threshold: < 1 m/s • Accuracy: +/- 2 Degrees • Resolution: 1o • Operating temperature: -10 to +70°C • Relative humidity: 0– 100% • capability to process / average wind data as per WMO specifications • Height: 10 meters • All necessary accessories and cabling • Height: 10 meters	
6	Soil temperature sensors for different levels (up to 100cm)	One per Weather Station, three in total	• Measuring surface-soil temperatures WMO standard and country experience • The sensor levels should correspond to the WMO instructions (WMO No. 8), with additional sensors at ground level and 5 cm above it. • Measurement range: 0 to +50 °C • Resolution: 0.1 °C • Accuracy: ± 0.1 • All necessary accessories and cabling	

7	One per Weather Station, three in total High performance Digital Data Logger	• Storage format: solid-state media flash card type memory. • Measurement frequency: 1ms to 24h • Storage frequency: 1ms to several days • Capable to handle various types of sensors with digital, analog and pulse type outputs • Processing / averaging observations as per WMO specifications • Operating system: stored program dedicated to temperature, solar radiation, rainfall, pressure, wind and soil temperature logging • Operating temperature: -40 to 70°C • Operating voltage: 12V DC operation • Processor: 32 bits • A/D converter: 24 bits • Inputs/Outputs: ○ Analog: 16 SE or 8 DIF ○ Digital: 8-10 • Communication ports: ○ Simultaneous communication on all ports ○ Ethernet, USB, CS I/O, RS-232, RS-485, CPI Supported communication ports • Storage: ○ Program memory: 512 KB or more ○ Flash card memory (microSD): Up to 256 MB	 Digital Data Logger  Casing for Data Logger
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			○ Sufficient storage to record 10 minute observations for all parameters for a period of 1 month or longer • Internet Protocols: ○ Ethernet, PPP, Auto-IP, ICMP/Ping, TCP, UDP, IPv4, IPv6, TLS, DNS, HTTP (S), FTP (S), SFTP, MQTT, SMTP/TLS, POP3/TLS, NTP, SNMPv3, CS I/O IP, Telnet, and others • Communication Protocols: ○ PakBus, CPI, SDI-12, ModBus, SDM, TCP, UDP, DNP3, NTCIP, SPI, I2C, and Others ○ LCD display: ○ Min 2 lines x 20 characters alphanumeric display for live and archived data • Connectors: ○ All exposed connectors must be rugged industrial grade plastic twist lock multi pole type; so that they are corrosion and climate/environment proof ○ Cables to interface between logger and INAM engineers laptops • Software: ○ PC based – configuration software to configure, install	 Telescopic mast
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			each sensor and Online AWS management. ○ PC based – set up programmable to set how measurements are to be done by sensor and how data is to be stored ○ PC based software to retrieve data from MMC of the data logger and display different parameters in readable form and export data ○ PC based – presentation and display instantaneous and stored data in suitable tabular and graphic format ○ Software should have ability to transmit data automatically at Central Station PC installed in Maputo in BINARY / ASCII format and generate SYNOP and CLIMAT. ○ The first cost for upgrade of data logger software should be supported by manufacturer upon installation and calibration. ○ Software should be capable of running on windows 10 to Newer MS OS and be supported by	
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			manufacturer for minimum 5 year • Casing for Data Logger: ○ Rugged: minimum protection IP66 ○ Water and dust proof sealed fiberglass-reinforced polyester vented enclosure with pad locks that can stand direct exposure to harsh environment ○ The enclosure should be provided with radiation shield • Telescopic mast: ○ 10m height ○ Main Mast Diameter 48.26 mm ○ Galvanized pipes ○ Guy steel cables at two levels kit ○ Duck-bill anchors and the guy-wire tensioning kit All necessary accessories.	
8	Power supply system	One per Weather Station, three in total	• Solar panel: Photovoltaic solar panel; to charge batteries from solar energy, 12V and 50-watts power. Capable of keeping the battery to send data hourly • Charge regulator: Smart charge regulator to charge 12V, 24hr battery from power supplied by solar panel with intelligent charge control. • Storage battery: Sealed maintenance free lead acid battery; 12V, 27Ah with high quality instrumentation class terminals and	 Solar painel  Charge regulator 

			nr 16 gauge stranded copper connection cable RED+BLACK • Battery Storage Casing: The battery must be housed in a waterproof vented fiberglass-reinforced polyester outdoor housing (adjacent to the logger housing) and connected to the logger housing using environment proof plastic twist connections. All necessary accessories and cabling	Storage battery  Battery Storage Casing
9	Data communication package: 4G LTE modem	One per Weather Station, three in total	• 4G LTE CAT-1 (with automatic fallback to 3G and 2G) communication modem system; using any of mobile network technology (4G LTE (2100(B1), 1800(B3), 850(B5), 2600(B7) 900(B8), 800(B20)), WCDMA ((3G) 2100(B1), 850(B5), 900(B8)) and GSM ((2G) 1800(B3), 900(B8). • SIM Interface 3FF (6 position/contacts) and supports SIMs that require 1.8 or 3 Vdc. • Complete end-to-end system, to transmit data from remote loggers to the MET control office in Maputo at pre-programmed intervals, or alternately respond to polls from MET control station. • Self-contained requiring CS I/O communications port, DB9 male; • RS-232 serial port, DB9 female and USB version 2.0 with micro-B connector interfaces with main logger.	

			• 2 SMA antenna connectors (primary and diversity). • Should be housed in weather proof housing (same as the data logger). • Power to be supplied by the common system battery.	
10	Certification required for sensors	One per Weather Station, three in total	• The sensors provided should come calibrated from the factory with certificates of calibration. • Supplier/manufacturer should perform comparative measurements with known well-calibrated sensors to ensure that all sensors are working during the installation phase. • All sensors should be supplied with cables that are UV proof to ensure good performance for years. • All sensors should have connectors specially keyed for each sensor to ensure proper connection between the sensor and the DCP. • The sensors should be high-quality professional instruments. • All support arms holding sensors should be manufactured from anodized aluminum or galvanized steel and fitted to the tower-scaffold by means of stainless steel and/or hot galvanized clamps and stock of screws.	

			• Consideration should be taken to avoid vibrations due to high winds. • All sensors connected to the data logger should be easily identifiable with labels for each cable. • All sensors and equipment should be supplied with clear installation and maintenance documentation in English and Portuguese languages	
11	Availability of spare parts	One per Weather Station, three in total	• Supplier / Manufacturer should guarantee that all spare parts will be available for a period of 5 years. • In the event that a part is no longer available, Supplier / Manufacturer should identify a substitute item that is identical in function, and similar in form and fit. • Indicative price list for spare parts and replacement sensors and components	
12	Packing	One per Weather Station, three in total	• The AWS should be package to withstand expected environmental conditions during normal delivery through air, land or sea, including land transportation over rough roads dust and rain. • Packaging should permit visual inspection of the goods.	
13	Warranty and After - Sales support	One per Weather Station, three in total	The bidder shall provide a minimum warranty period of 3 years for all equipment, covering any malfunctions or defects. During the warranty period, any malfunctioning equipment must be temporarily replaced with original or similar	

			approved equipment at no cost to the client. All replacements of defective components or equipment during this period shall be carried out free of charge. The warranty shall include, but not be limited to: • Software updates and technical support regarding system adjustments. • Replacement of defective parts or equipment to ensure continuous operational performance. • Repairs necessary to restore the equipment to proper working condition. The warranty does not cover: • Damages caused by misuse, mishandling. • Failures resulting from external causes, such as environmental impacts beyond normal operational conditions, vandalism, or accidents. • Natural wear and tear, corrosion, or damage due to aging of components. The tenderer warrants that all Goods are new, unused, and of the most recent models, incorporating all current improvements in design and materials, unless otherwise specified in the contract. Additionally, the supplier warrants that all Goods shall be free from defects resulting from acts or omissions, and shall meet high	
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			standards of design, materials, and workmanship, suitable for normal use in the environmental conditions at the final destination.	
14	Note		Instrumentation and subsequent observations should conform to World Meteorological Organization requirements, as detailed in 'Guide to Meteorological Instruments and Methods of Observation' (WMO, 2024). https://library.wmo.int/viewer/68695/download?file=WMO-8-vl-2024_en.pdf&type=pdf&navigator=1	

2. SPARE PARTS

#	Equipment/Sensor	Quantities	Technical Specifications	Sketches (Images are set for indicative purposes)
1	Combined wind speed and direction sensor	One per Weather Station, three in total	The replacement sensor must conform to the technical specifications outlined for the sensor listed in item 5 of the main equipment inventory	
2	Combined temperature and relative humidity sensor with radiation shield	One per Weather Station, three in total	The replacement sensor must conform to the technical specifications outlined for the sensor listed in item 1 of the main equipment inventory.	

3	Atmospheric pressure sensor	One per Weather Station, three in total	The replacement sensor must conform to the technical specifications outlined for the sensor listed in item 4 of the main equipment inventory.	
4	Replacement battery	One per Weather Station, three in total	- Sealed maintenance free lead acid battery; 12V, 27Ah with high quality instrumentation class terminals and nr 16 gauge stranded copper connection cable RED+BLACK	

3. PROTECTIVE FENCING FOR AUTOMATIC WEATHER STATIONS EQUIPMENT (ONE PER WEATHER STATION, THREE IN TOTAL)

#	Parameter	Description	Sketches (Images are set for indicative purposes)
1	Dimensions	Length: 6 meters Width: 9 meters Height: 2 meters	
2	Fence Material:	Mesh: Shark-net mesh, UV and corrosion-resistant (Galvanized)galvanized; Thickness: 2.5 mm; Size: 64 mm	
3	Supporting Structure:	Support Poles: Galvanized steel pipes, 50mm diameter, anchored in a concrete foundation Spacing Between Poles: 1 meter, aligned along the entire perimeter	

4	Foundation and Anchoring	Poles anchored in concrete bases, reinforced to withstand extreme weather conditions including strong winds and heavy rainfall Bottom support: A row of concrete blocks, 25 cm thick, anchored in the ground with only 5 cm of the blocks visible above ground level, providing stability to the fence and mesh support	 
5	Access Door	Located at a strategic point of the fence Equipped with latch mechanisms and padlock for secure access control Adequately reinforced to ensure durability and security	
6	Additional Considerations	The entire fencing system should be resistant to corrosion and designed for long-term outdoor exposure All components should comply with applicable safety and environmental standards	
7	Padlocks for protective Fence	Diameter of shackle: 30mm Water protection: IPX4 at least	

4. MAINTENANCE TOOL KIT FOR AUTOMATIC WEATHER STATIONS

#	Equipment/Parameter	Quantities	Description	Sketches (Images are set for indicative purposes)
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1	Multimeter	One per Weather Station, three in total	Digital, with auto-ranging and temperature measurement	
2	Pliers	One per Weather Station, three in total	Needle-nose and cutting pliers	
3	Screwdrivers	One per Weather Station, three in total	Phillips and flat-head, assorted sizes	
4	Star (Torx) wrench	One per Weather Station, three in total	set (various sizes)	

5	Reverse voltage regulator	One per Weather Station, three in total	Operational Temperature -40° to +60°C Storage Temperature -55° to +100°C Battery Voltage Range 7 to 36 V (power out) Maximum Input Voltage 60 V Quiescent Current 35 mA Certifications Manufactured in a certified ISO 9001 facility.	
6	Specifications	/	Tools must be of high-quality, durable, and suitable for field use in harsh environmental conditions. The kit should be contained in a sturdy storage case, with easy access to components. All tools must meet relevant safety standards and manufacturer's specifications.	
7	Warranty	/	The entire tool kit shall be covered by a minimum of 12 months warranty from the date of delivery. Warranty covers manufacturer defects, faulty tools, and any repair or replacement required due to normal operational usage. Cost of replacement parts or tools due to damage or defect during this period shall be covered by the supplier, with no additional cost to the client.	