

Joint Action on Harmonised Products 2022 JAHARP2022-02

Ancillary Equipment to Solar Panels - WP2

(Grant Agreement No. JA2021-2-02)

Call for Tender for Test Laboratories

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1 Introduction

1.1 Background

Stichting PROSAFE is an international non-governmental organisation established as a foundation in the Netherlands by market surveillance officers from various countries throughout Europe. Its main aim is to contribute to the safety of products and services by promoting best practices in market surveillance.

One of PROSAFE's activities is to set up and coordinate Joint Market Surveillance Actions (MSAs) with the support of EU funding, such as JAHARP2022-02. The Joint Action runs between **April 2023 and March 2025**

(24 months duration) and addresses solar panels and ancillary equipment. The JAHARP2022-02 Action includes the following roles and responsibilities:

- The Joint Action main Project Group is made up of representatives of the participating Market - Surveillance Authorities (see Section 2);
- The Project Leader is (Turvallisuus- ja kemikaalivirasto (Tukes), represented by Mr Seppo Niemi;
- The Project Leader is supported by the Project Coordinator, PROSAFE, who is responsible for the overall performance and management of the Joint Action and for reporting to the European Commission.
- PROSAFE is represented by Mrs Ioana Sandu, Executive Director, who appointed a Technical Facilitator, Mr Tryggvi Axelsson, to provide technical expertise and guidance in the day-to-day organisation of the Joint Action.

Bids are invited from individual labs only. Candidates are to submit tenders for all three types of inverters (Optimizers, Micro-inverters, String-inverters) subject to this call for proposal for testing.

PROSAFE may contract more than one accredited test laboratory to carry out the requested services.

The contract(s) will operate under Belgian law. Please see the attached standard terms and conditions that will apply to the contract (reference Appendix I).

1.2 Product Scope

Solar photovoltaic (PV) modules generate electricity from sunlight. Using an inverter, this electricity can be fed into the main electrical supply of a building, or directly into the public electricity grid.

An inverter for solar energy installations is an apparatus that converts DC (Direct Current) into AC (Alternating Current). The current generated by solar panels needs to be converted to mains electricity, before it can be used in the electricity network. To extract the maximum power from the solar panels the Maximum Power Point (MPP) Tracker in the inverter searches the most optimum combination of voltage and current. The power of the inverter needs to be adapted to the joint power of all the connected solar panels. Many inverters offer the possibility to monitor the revenues of the solar panels via a build-in display and/or the internet.

The scope of this Call for Tenders comprises the testing of:

- **Micro-inverters:** This type of inverter is being installed outside, behind the panel. All inverters are connected in parallel and directly connected to the mains. Often used in small systems with different angles of inclination and orientations. The long cable (from the roof down) is connected to mains.
- **String-inverters:** One or more strings (series of solar panels) are attached. In one string all solar panels are oriented in the same direction. At different angles of inclination and orientations an inverter with multiple strings and MPP-trackers can reduce the energy losses. However, it remains sensitive to shadow positions. The inverter is often mounted in-house.
- **Optimizers:** It looks similar to a micro-inverter; however, the output of the converter is still DC. A string of optimizers is offered to a special inverter. That inverter does only have to convert DC into AC. Optimizer systems do have a higher revenue, but they are more expensive than string inverters. Optimizers are placed outside behind the panels, the inverter itself is placed inside.

The testing of ancillary equipment to solar panels is subject to the requirements of:

- Electro Magnetic Compatibility Directive (EMCD) 2014/30/EU on the harmonisation of the laws of the Member States relating to electromagnetic compatibility.
- The essential requirements of Article 3.1b of the Radio Equipment Directive (RED) 2014/53/EU on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC, in the case of some samples having wireless connection, either as standard or optional feature.

The latest harmonised test standard (as published in the OJEU) are the following:

- EN 55011:2016 + A1:2017 + A11:2020 Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement (Class B, group 1);
- EN 55032:2015 + A11:2020 - Electromagnetic compatibility of multimedia equipment - Emission Requirements.

The guidelines from the standard EN 62920:2017/A1:2021 should be used in addition to the above standards to facilitate a harmonised interpretation of the results in the Project group.

2 Participating authorities

The following Market Surveillance Authorities participating in JAHARP2022-02 will select the models of products to be tested:

1	Cyprus	EMS	Department of Electrical and Mechanical Services
2	Czech Republic	CTIA	Czech Trade Inspection Authority
3	Czech Republic	SEIA	The State Energy Inspectorate
4	Finland	TUKES	Finnish Safety and Chemicals Agency
5	Latvia	CRPC	Consumer Rights Protection Centre
6	Netherlands	RDI	Dutch Authority for Digital Infrastructure
7	Romania	ENERGIE	Ministry of Energy
8	Sweden	SNESB	National Electrical Safety Board

3 Requested services

The testing will be carried out according to the specifications of the relevant harmonised standards.

The task comprises the following services:

3.1 Prior to testing

- Host a pre-testing meeting of around 2-3 participants/staff at the lab facility, or a virtual visit, as part of the final stage of the assessment process. It will include discussions on test programmes, logistics for the transport of samples, timing, and capacity issues with lab staff.
- Appoint a primary contact person who has project management authority for the duration of the Work Package. Any change of appointed contact must be made in agreement with the Joint Action team. Work with the JAHARP2022-02 staff by email/phone to plan the preparation, testing, and reporting programme to achieve a workable and smooth process.
- Make the necessary arrangements to ensure the safe reception of the samples which will be delivered to the lab free of charge in original packaging, brand new. They will arrive either singly or in batches. Products remain the property of PROSAFE or the authority providing them the whole time until permission for return or disposal has been given.
- Take digital identification photographs of each product before testing that show all main features and functionality. A photograph of labels of the Inverters with the product should also be taken and the details recorded in a separate document alongside test results. Label each image file recognisably and/or provide an index of images that is searchable by brand, model number, project ID number.
- Upon request of and in coordination with the project team, provide a digital copy of the documentation, labels, and markings of each product prior to testing.

3.2 Testing and reporting

- Test each product according to the applicable EU legislation and harmonised standards, to verify and demonstrate compliance with the specific requirements relevant to the product type. It is planned to test a total of:

- 20 units of inverters (i.e., 5 Micro-inverters, 10 String-inverters, and 5 Optimizers - this is an indicative distribution which might change in the contract).

ii. The indicative test programme is presented below:

<u>Standard</u>	<u>Part</u>	<u>Table</u>	<u>Limit</u>
EN 55011:2016, EN 55011:2016/A1:2017, EN 55011:2016/A11:2020	Radiated emissions Conducted emissions AC-mains power port Conducted emissions DC- power port	7 4 5	Group 1, Class B
EN 55032: 2015, EN 55032:2015/A11 :2020	Conducted emission on wired network port	A.12	Class B

International standard EN 55011:2016 separates all equipment into two groups - Group 1 and Group 2, each group is subdivided in two classes - class 1 and class 2.

The equipment under test in this project follows the classification according to EN55011:2016 +A1:2017 +A11:2020 => Class B, group 1 (residential environments & limits).

- **Class B** equipment is designed to be used in a domestic environment and will not cause radio interference with other equipment in its vicinity. It is suitable for use in locations in residential environments and in establishments directly connected to a low voltage power supply network which supplies buildings used for domestic purposes.
- **Group 1** equipment contains all equipment in the scope of this standard which is not classified as group 2 equipment (the latter is defined as “all ISM RF equipment in which radio-frequency energy in the frequency range 9kHz to 400 GHz is intentionally generated and used locally, in the form of electromagnetic radiation, inductive and/or capacitive coupling, for the treatment of material, for inspection/analysis purposes, or for transfer of electromagnetic energy.”)

iii. Special test equipment is required for the measurements:

- a PV-DC-LISN (not a regular DC-LISN) for conducted emissions at the DC-power ports.
- special (low noise) power supplies for PhotoVoltaic-panel (I-V curve) simulation.
- PV-connectors and cables.

iv. Issue a comprehensive individual test report in English for each model tested that fits the needs and requirements of the participating MSAs. This should be in accordance with the highest appropriate standards of quality, integrity, accuracy, and timely delivery, and the recommended/agreed reporting format. They must indicate the measured value for each property, not only “failed/passed” and must include uncertainty of measurement and the appropriate limits where applicable. Reports should also include photos of the product, and appropriate Labels included with the product.

Compliance opinion: The purpose of the testing is so that the MSA alone can decide whether a particular product complies with the applicable EU legislation. Decisions will include considering the test report provided by the lab in line with the harmonised standard as part of these services.

- v. Host a physical or a remote/virtual meeting of the JAHARP2022-02 members/participants/experts at or near the lab to explain and discuss the results, the test reports, and experience of the testing process. This should include observations from lab staff on difficulties, queries, and suggestions to improve any aspect of the testing process, test standard and regulations. It would be helpful for full understanding, if necessary, to include a visit to the test chamber with an example product. This could involve up to 10 participants.
- vi. Report continuously on the testing progress and results, including swift communication of any unexpected results, and give recommendations for improvements to test methods and legislation based on the results of testing.
- vii. Provide recommendations for improvements to test methods and legislation based on the results of testing.

- viii. Participate in discussions on test results with other labs to develop common good practice approaches as a learning exercise for all participating test labs during the testing programme, if applicable.

3.3 Following testing

- i. Respond to enquiries from the participating authorities about the outcome of the tests and the observations made by economic operators.
- ii. Store each product securely until return or disposal (subject to PROSAFE's approval). The cost of storage to the end of the project duration should be included in the quoted price.
- iii. When disposal is requested, this should be done in a socially responsible way such as through donation to a charity or worthy local cause (for products found to be compliant), or at the very least that the units are not wasted (resource efficiency). Confirmation of disposal and route will be required as part of the final report. Proposals on this are requested and may be used in the assessment in the case of equivalent bids.
- iv. Prepare a **summary report with all results and test analyses in English**, updated at regular intervals, on all the tests carried out and their results.
- v. Prepare an **end of the contract report in English** where the lab will provide an adequate overview of the state of play at the end of the contract and must guarantee its cooperation for handing over the tested samples, if needed, in a progressive, secured, and orderly manner to PROSAFE.

Nota bene: Tenderers must meet all of the Exclusion and Qualifying Criteria. Please check these carefully and ensure that the bid explicitly addresses how each of these criteria is met.

4 Exclusion criteria

Tenderers shall complete and sign in original handwriting a Declaration on Honour attesting that they are not in any of the situations giving rise to exclusion from the procedure. The exclusion criteria are listed in the model Declaration on Honour provided with the Call for Tenders in Appendix II. Tenderers shall use this model in its entirety.

5 Qualifying criteria

The following minimum criteria must be met and explicitly presented by tenderers in order for their tender to be considered:

5.1 Accreditation

The results of this testing will be used by MSAs to assess the compliance of equipment with regulations and for this reason, authorities must be able to demonstrate full legal confidence in results. Therefore, candidate laboratories must have the following accreditation valid both at the time of submission of the tender and throughout the duration of the contract:

- ISO/IEC 17025:2017;
- EN 55011:2016 +A1:2017 +A11:2020;
- EN 55032:2015 + A11:2020.

5.2 Absence of conflict of interest

Absence of conflict of interest in assessing products from any supplier or potential supplier to the EU market, and full independence from Action beneficiaries/participants, manufacturers, importers, distributors, or other economic operators in the market.

Any potential or perceived conflicts must be noted in the proposal, with details on how this is managed.

5.3 Ability to deliver the services.

The tenderer shall prove the ability to undertake all services described in Section 3 and should present how in a convincing manner how this will be done from their end. The tenderer shall also specify the time needed

to carry out the testing and deliver the test report for all inverters submitted for testing, as from receipt of the necessary test samples.

5.4 Right to witness testing

One or two representatives of PROSAFE and/or the MSA, and/or the European Commission will be permitted to witness any given test by prior arrangement, under supervision of test laboratory personnel.

5.5 Location and co-location of staff

The tenderer shall have the necessary managerial and technical personnel based at the lab site laboratory situated within the EU or the European Economic Area (EEA) for the duration of testing. The tenderer must explain if the testing will be conducted in a different location/country to that of the office submitting the bid.

5.6 Team to undertake the services.

- a) It is expected that the team presented in the tender will be the one executing the services under the contract and will be effectively available when the contract begins. Changes in the composition of the team should be justified and should by no means alter the conditions based on which the evaluation of the tenders took place. Changes must not affect/compromise the capacity of the tenderer towards the performance of the contract.
- b) The team presented should be fluent in English for technical discussions and reporting.

5.7 Format of test reports

The tenderer should declare its flexibility to agree on a reporting format (template and content) that meets the needs and requirements of MSAs.

5.8 Subcontracting

PROSAFE does not accept that the selected tenderer subcontracts the testing services, or any other service covered by this Call for Tenders. The laboratory must include the capability and capacity to carry out the testing services without the need to subcontract any testing outside its own capacity. If a specific skill or capacity gap becomes apparent after the work has been commissioned (for example, if it was not envisaged in the specification), the laboratory must ask for the explicit written permission of PROSAFE's Executive Director before any such sub-contracting can be considered.

5.9 Experience

At least 3 recent years (from 2019 onwards) or more; of testing relevant or very similar products to the required harmonised standards for establishing compliance with relevant EU regulations should be listed.

5.10 Keeping records of documents and reports

The tenderer accepts to keep an electronic copy of all test reports and other supporting documentation until a date mutually agreed by the contracting parties - to be indicated in the contract.

5.11 Confidentiality

The tenderer must be willing to hold test results in confidence and undertake not to release or discuss any information about testing or any test results with any manufacturer or other party unless explicitly agreed with the relevant MSA. This includes an explicit agreement to not communicate with the concerned manufacturers of tested products during project duration and after project end without a prior agreement provided by the MSAs responsible for the tested products.

5.12 Acceptance of PROSAFE standard terms

The tenderer should be willing to comply with "PROSAFE's General Conditions for Tender as attached to this specification.

Contractors accept without reservations that the European Commission, the European Court of Auditors, and OLAF (European Anti-Fraud Office) have the right to carry out checks, reviews, and audits on contractors and subcontractors.

Bids assessed to have met the above Qualifying Criteria will be entered into a shortlist for further evaluation on the assessment criteria and the financial offer to determine the best value for money. Bids that do not meet the above Qualifying Criteria will be rejected.

6 Assessment criteria for Technical Offer

The goal of the evaluation is to understand the ability of candidates to carry out the programme of work timely and to a high standard of quality, and to assess the quality and quantity of the Tenderer's experience of similar work, for the organisation as a whole and for the named individuals. Tenderers shall demonstrate how they best comply with the aspects raised in the questions below.

Please note that each criterion needs to be treated one by one so that the Evaluation Committee can trace swiftly and score your answer on a scale from 0, if not satisfactory, to 3 if very satisfactory. The proposed offer should treat each criterion in a manner that shows:

- Comprehensive presentation.
- Clarity in addressing the project requirements and needs.
- Good level of detail.

The selection will be based on the following assessment criteria, each with its own weight in the final score:

6.1 Criterion A: Team

Please describe the staff/team who will carry out the work (number, individual experience, qualifications, involvement in development of test standards, technical product design consulting, etc). Include a Europass CV of the lead technical expert and of the test engineers that will be involved in the testing programme. The team presented should be exactly the team conducting the service should the tenderer win and the number of staff in the composition should be respected throughout the test programme. *Weight: 1.*

If at a later stage a change in the staff is required, this must be pre-approved by PROSAFE after having received the CV and the professional references of the new team member. Please note that changes in the composition of the team should be justified and should by no means alter the conditions based on which the evaluation of the tenders took place.

6.2 Criterion B: Management

Please describe briefly how your organisation ensures that the systems that resulted in laboratory accreditation are implemented and maintained in daily work. Give a couple of examples of specific management practices that help to achieve this. *Weight: 1.*

6.3 Criterion C: Storage and Disposal

Please indicate how you propose to store the products securely and to dispose of them responsibly, or how you can support their return to different locations. Please indicate if restrictions on quantity or time apply. *Weight: 0.5.*

6.4 Criterion D: Testing experience and equipment

Please describe:

- i. The experience of your team (collectively) of carrying out testing on all three types of PV inverters (string inverters/micro-inverters/optimizers), especially with optimizer measurements, for EMC requirements, to the specifications of the relevant methods (quantity of tests to the relevant methods and standard(s) in the past 5 years) – specify the quantities per type of equipment. *Weight: 3.*

- ii. The experience you have with testing for European MSAs. *Weight: 2.*
- iii. If your establishment has the special test equipment required for the requested measurements, such as a PV-DC-LISN for conducted emissions at the DC-power ports and special (low noise) power supplies for photovoltaic-panel (I-V curve) simulation. *Weight: 2.*

When addressing the points (i) and (ii), please indicate if you have recent customer references that could be followed up as part of the assessment.

6.5 Criterion F: Technical experience

Please describe any technical experience of the team regarding the interpretation of test results. For example, any experience of applying knowledge to product development, development of test methodologies, participation in standardisation committees, etc.

Do you have procedures in place in case during the testing you detect any instances of circumvention to the requirements in Article 3.1.b of RED 2014/53/EU or EMCD 2014/30/EU? If yes, please provide details on how you handle such instances in context of the market surveillance exercise.

Do you require specific information or auxiliary equipment/tools to be provided with the samples with regards to testing PV inverters (string inverters/micro-inverters/optimizers)?

Please provide details on how many specimens for each sample/model of product you require to carry out the test programme referred to in Section 3.2 *Weight: 2.*

6.6 Criterion G: Optimising throughput

What are your proposals on how to manage and optimise throughput capacity over your preferred phases of testing over the indicated period? Please indicate:

- i. How your staff and assets can be used to optimise throughput, given the staff resources, size, and testing equipment available to your lab. *Weight: 1.*
- ii. The maximum number of tests for the products concerned that can be ongoing at the same time (i.e., over the same day(s) of the test). Note that this can exclude the physical process of set-up, which does not need to occur in parallel; and it should only assume use of resources that can be made available for this work (i.e. excluding staff or assets that are committed to other contracts during the required period). *Weight: 1.*
- iii. How many products can be tested per week and month; note any caveats on this and how long is needed between the completion of one test and start of the next test set-up; and between the end of a test and delivery of the test report. *Weight 1.*
- iv. For the 20 products anticipated in Section 3, how long do you estimate the full test programme to take from the first day of testing until the last product has been tested. *Weight: 1.5.*
- v. If there is a maximum number of products total or per period that you would wish to impose or any other restrictions on the capacity that PROSAFE should bear in mind for planning. These will not necessarily count against your bid and could help if you indicate how they can be managed. Specific periods of unavailability to test should be clearly mentioned in the tender offer. *Weight: 1.*
- vi. Any significant implications of changes to the timeline (up to a 3-month delay or some acceleration). *Weight: 1.*

6.7 Criterion H: Test Reports

Please provide a copy of your proposed standard reporting template and an example of a standard report from a previous test (anonymised/redacted as necessary - all product identification details to be removed, such as brand, country of origin, serial number, etc.) covered by the scope of this call for tender and for a product tested by the tenderer during the last five years. *Weight: 1.*

7 Financial Offer

PROSAFE is VAT registered as a taxable person established in Belgium with VAT number BE 0809.226.854. All invoices shall mention the BE VAT number and **be issued with zero VAT**, making reference to the reverse charge mechanism according to Articles 44 and 196 of the VAT Directive 112/2006.

Terms of the offer must be valid for acceptance (or negotiation) for at least 6 months from submission.

Invoicing will be discussed and agreed before the placement of the contract.

The tenderer is requested to quote prices (with zero VAT) per tested model/unit in the **Appendix III - Detailed Product testing requirements and Price list** (separate document to download), **including all charges/expenses for the requested testing services. The final test programme will be determined during the contracting phase, in cooperation with the selected test body.**

Under this Call for Tenders and Tender specifications, 'Testing service' means the following – so that the costs for support functions are distributed across the products tested:

- Planning of testing programme;
- Receipt of products, indexing, and storage until test;
- Storing until and after testing (up until disposal or return subject to PROSAFE's permission);
- Taking pictures of products;
- Testing of each product as agreed. Any significant differences in the price of testing to the different standards should be explained in the proposal and if necessary, costed separately;
- Issuing a standard comprehensive report as agreed but based on that in the harmonised standard;
- Preparing the Summary of results report and the end of the contract report.

Therefore, the price per model (type of inverters) shall cover:

- Setup of testing and related preparatory analyses;
- Comprehensive testing according to the applicable requirements of the relevant harmonised standards, and any additional/auxiliary technical assessment work;
- Preparation of a test report for each model tested, including the results of the tests, the values measured, and as the case may be also photos of all non-conformities;
- Preparation of a summary report, updated at regular intervals, on all the tests carried out;
- Responding to enquiries from the JAHARP2022-02 team and the participating authorities about the outcome of the testing throughout the term of the contract;
- The hosting of one physical or remote meeting with up to 15 participants;
- Storage and/or disposal of the products tested.

The quotation shall include an indication of any possible discounts that can be offer whether for quantity of tested samples or as a commercial gesture.

Note 1: The prices in EUR quoted for comprehensive testing according to the harmonised will be taken into account during the selection process. If it is decided to carry out a more limited test programme (see Section 3), the final cost of testing will be adjusted accordingly.

Note 2: PROSAFE reserves the right to negotiate with one or more shortlisted tenderers before taking a decision on the placing of a contract. The offer shall remain valid until changes are agreed in writing.

8 Tender documentation and language

Laboratories intending to bid should provide distinct packages of documentation testing of the products.

The tender documentation shall be in **English** and should comprise:

- 1) **Signed Declaration on Honour** sent in original with blue ink hand-written signature by post (**Appendix II**). If handwritten blue -ink, then the original must be attached and sent by post as well.
- 2) **Document confirming compliance with qualifying criteria** which is headed 'Qualifying Criteria' and has sub-headings numbered as per **Section 5** of this specification.

The tender should duly explain why and how they meet the qualification criteria and attach in Annex supporting documentation proving the information presented (e.g., proof of accreditation, stand-alone declaration that the tenderer accepts the PROSAFE terms and conditions, the absence of a conflict of interest, any other documents deemed necessary by the tenderer).

The tenderer should create one single pdf with all files for this part and if it is not possible to list the number of documents pertaining to this part in the checklist.

- 3) **Document confirming your understanding and acceptance of the Required Services (Section 3)**.
- 4) **Technical Offer** addressing the aspects raised in **Section 6**, with sub-headings labelled as per the corresponding question letters (A, B, C, etc.) including all the supporting evidence in Annex to this document (e.g., CVs, sample of a test report anonymised for an already tested product covered by the scope of this call for tender, etc.).

The tenderer should create one single pdf with all files for this part and if it is not possible to list the number of documents pertaining to this part in the checklist (see Appendix II uploaded separately).

- 5) **Financial Offer** as per the tables in **Appendix III** to these tender specifications - see separately uploaded template. The financial Offer should also include any additional information or observations on the proposed testing programme or price that may be relevant to planning and evaluation of offers.
- 6) Filled in and signed checklist as presented in Appendix IV.

9 Evaluation and award procedure

An evaluation committee will assess all tenders received as follows:

1. Screening of tenders for compliance with the exclusion criteria (any non-compliant bid rejected);
2. Screening of tenders for compliance with the qualifying criteria (any non-compliant bid rejected);
3. Assessment of qualifying bids based on the assessment criteria and calculation of a technical score with a total weight of 70% in the final score;
4. Evaluation of the financial offer and calculation of a score with a total weight of 30% in the final score.
5. Determination of the best value for money offer;
6. Optional if conducted: the outcomes of the visit to the lab as part of the assessment process (the visit may be virtual) that may confirm or contradict the initial evaluation at point 3 above and lead to a reevaluation of the best value for money offer.
7. Final selection of tenderers and decision on the number of products to be tested and distribution between tenderers.

Tenderers may be invited to provide clarification or further information when a clerical error occurred, provided that the principles of transparency and fair competition are respected/upheld.

10 Questions about this specification

Any questions of clarification or other queries about the tender requirements or specification must be submitted in writing by e-mail to ioana@prosafe.org **AND** kyriakos@prosafe.org, and copied to seppo.niemi@tukes.fi and to tryggvi Axelsson@gmail.com with the subject header '**URGENT: Question for the JAHARP2022-02 Tender - Solar Panels-Inverters**'.

Questions must be received by 16 February 2024, 17:00 CET.

Anonymised question(s) and response(s) will be circulated to interested tenderers and posted on the PROSAFE's website: www.prosafe.org.

Questions received differently than above described will not be answered, in fairness to all tenderers.

11 Timetable and deadlines

1. Tender published on PROSAFE websites on 29 January 2024.
2. Deadline for submission of questions about the specifications: 16 February 2024, 17:00 CET.
3. Deadline for submission of tenders: 23 February 2024, 17:00 CET.

Tenders must be sent to the offices of PROSAFE in hardcopy (Address: Avenue des Arts/Kunstlaan 41, 2nd floor, 1040 Brussels, Belgium) **AND** via email to ioana@prosafe.org **AND** kyriakos@prosafe.org with the subject header 'JAHARP2022-02 Tender - Solar Panels-Inverters', and copied to the WP Facilitator, Tryggvi Axelsson: tryggvi Axelsson@gmail.com.

Hardcopies must be received at latest by 29 February 2024 – stamp date being the proof that they were sent on 26 February 2024 at the latest.

Tenders received after the deadline will not be assessed.

4. Clarification of bid details and implementation options with preferred tenderers during week 10 (2024).
5. PROSAFE will inform tenderers of results in week 13 (2024);
6. Tenderers have 5 working days to appeal the decision from the day after the information email was sent. PROSAFE will analyse the appeal and provide a final decision within a week from the moment the appeal was launched.
7. Contracts are expected to be signed in week 15 (2024).
8. Testing is expected to commence in week 19 (2024).

With best regards,

Ioana Sandu

Executive Director

List of Appendices

Appendix I - PROSAFE General Conditions for Tenders

Appendix II - Declaration on honour

Appendix III - Detailed Product Testing Requirements and Price List

Appendix IV - Checklist Complete Tender Package

DISCLAIMER

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