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## Energy Efficiency Compliant Products - EEPLIANT3 [GA: 832558]

WP10 Concerted market surveillance action on "Residential Ventilation Units"

# Call for Tenders for Laboratory Test Services Residential Ventilation units

**10<sup>th</sup> August 2021 - Revised version 7<sup>th</sup> September**

## History of Changes

Date of change	Comment, explanation	Addressed: How, Where
6 Sept. 2021	Inconsistencies between "Important deadlines" below the introduction and the timeline in section 11. The timeline in section 11 was the correct	The section "Important deadlines" is corrected, e.g.
6 Sept. 2021	In section 3. "Product scope and estimated quantities" it was not clear, if price offer was requested for test of the heat recovery of alternating units or not.	The following text is added: "Alternating RVUs with regenerative heat recovery systems will also be tested."
7 Sept. 2021	Based on the large number of questions and answers, and the complexity of the questions raised, the contractor has evaluated that the potential tenderers would need more time to digest the questions and answers.	Deadline for submitting tenders has been extended to Friday 17 <sup>th</sup> September 2021 and all dates after that in the timeline has been adjusted accord to the new submission date.

## Introduction

This call for tender regards physical single-product testing for market surveillance of residential ventilation units (RVUs) and includes options for purchasing add-on services such as triple-product testing and carriage. The results from test performed under the contract might be used to support legal action.

## Information about the contractor of the tender

Name	vores bureau
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Company profile:	Private limited company
Contact person:	Mr. Bjarke Hansen

## Important deadlines

Tuesday 10 <sup>th</sup> August 2021]:	Call of tender published on eepliant.eu, prosafe.org and voresbureau.dk
Thursday 2 <sup>nd</sup> , September 2021, 17:00 CET:	Submission of questions about the call
Monday 6 <sup>th</sup> September, 14:00 CET: Friday 17 <sup>th</sup> September 2021, 17:00 EOB:	Final Q&A to be published Deadline for submission of tenders.

## Tender documents

Call for tender (this document)

# Call for Tender

Contract

Annex A "Declaration on honour"

Annex B "Requirements"

Annex C "Financial proposal/prices"

## 1. Background

EEPLIANT3 (Energy Efficiency Compliant Products 2018) is a pan-EU Concerted Action on market surveillance aiming to achieve impacts in line with the objectives of the Horizon 2020 – Work Programme 2018-2020 - Secure, Clean and Efficient Energy. The action is funded by the European Union under the Horizon 2020 framework with duration from June 2019 until November 2023.

EEPLIANT3 concerted action consists of 12 different work-packages (WP's) and this tender is published by WP10: "Concerted market surveillance action for product group "Ventilation Units".

The WP10 participants are nine Market Surveillance Authorities (MSAs) and one other organisation from the following seven countries: Belgium, Bulgaria, Denmark, Germany, Latvia, Sweden, and Turkey.

An important part of the EEPLIANT3 concerted action is the testing of products for compliance with the relevant energy labelling and ecodesign regulations. This requires testing of products according to the appropriate European test standards in accredited test laboratories. The products to be tested are selected, purchased and delivered to the lab by the EEPLIANT3 participants.

EEPLIANT3 falls under the following roles and responsibilities:

1. A Project Leader for the overall EEPLIANT3 Concerted Action is responsible for the performance, reporting and strategic coordination of the Work Packages.
2. Member State representatives are appointed as Work Package Leaders, including one responsible for the activity on ventilation units (under Work Package 10). The WP10 Leader is Landesamt für Mess- und Eichwesen Rheinland-Pfalz.
3. These Work Package Leaders are supported by a WP Coordinator, vores bureau for Work Package 10. The WP Coordinator is responsible for supporting the day-to-day works of the Work Package.
4. PROSAFE is the Project Coordinator, responsible for the general and financial management and coordination of the Concerted Action.

For operational, capacity and technical reasons, it is expected to appoint one or more test labs (probably two) to carry out the joint programme of work. The labs appointed will be encouraged to cooperation and to share experience to maximise positive outcomes from the action, including development of expert capacity in the sector.

The WP10 call for tenders is administered by the WP10 coordinator, vores bureau, the Contractor.

vores bureau has since 2006 worked with administration and surveillance of public labelling schemes and support schemes. From 2011 to 2018 vores bureau was part of "The Secretariat for Ecodesign and Energy Labelling" which was responsible for the practical operation of market surveillance on ecodesign and energy labelling in Denmark on behalf of the Danish Energy Agency.

## 2. Overview of the tender

The present call for tenders concerns WP10, which is dedicated to a market surveillance action on central and decentral, uni- and bidirectional RVUs with and without heat recovery with a maximum flow rate up to 250 m<sup>3</sup>/h or with a flow rate between 250 and 1000 m<sup>3</sup>/h for units where the manufacturer has declared it as a ventilation unit exclusively for residential application, and covered by:

- Ecodesign regulation (EU)1253/2014
- Delegated regulation on energy labelling (EU)1254/2014

The estimated quantity of the single-product testing is 33 products (three to four different products from each of 9 MSAs). Testing is expected to take place between mid-October 2021 and February 2022.

The call for tenders includes options for purchasing add-on services such as triple-products testing and carriage. Regarding the triple-products testing the estimated maximum quantity is seven product models. The triple-products tests will only be purchased if any of the single-product testings indicate non-compliance. The contract (please find enclosed) includes no guarantee for purchasing triple-product testing or other add-on services.

Further details of the exact scope of products to be tested and tasks as well as additional assumptions and requirements are presented below and in the enclosed Annexes to the call for tender.

In order to qualify as tenderer, tenderers must meet all of the exclusion and qualification criteria and in the tender explicitly address how each of the criteria are met.

Tenderers are invited from individual labs only and not from consortia e.g. (see also section 5 Qualification criteria , subsection 'Subcontracting').

Compliant tenders will be entered into a shortlist for further joint assessment in the WP10 project team to obtain most advantageous overall delivery and best value for money. Tenders will be assessed according to the assessment criteria set out in the relevant section below.

It is possible to bid for one or both of the two product categories as defined by their volumetric airflow capacity under Section 3 and in Annex C. It is not possible to bid for only the triple-product testing, since this is an optional purchase and it is not possible to bid for only some of the product categories with an airflow capacity up to 450 m<sup>3</sup>/h as defined under Section 3 and in Annex C. Moreover, the qualifying criteria and the assessment questions apply and should be answered for each of the product categories.

The contractor can accept more than one tender for the task, based on the tenders and especially based on the tenderers' test capacity in respect of volumetric airflow (i.e., another lab for the units above 450 m<sup>3</sup>/h than for the smaller units) and/or the test laboratories capacities in respect of number of units they are able to test within a time frame.

### 3. Product scope and estimated quantities

The testing comprises the parameters listed in Annex C and according to the EU regulations listed in Annex B. The tenderer shall provide one financial offer for a single-product test for each of the following five different product categories in the volumetric airflow capacity range up to and including 450 m<sup>3</sup>/h:

- Bidirectional central (ducted) RVU with heat recovery.
- Bidirectional decentral (non-ducted) RVU with heat recovery.
- Alternating (push-pull) bidirectional decentral (non-ducted) RVU with heat recovery.
- Unidirectional central (ducted) RVU.
- Unidirectional decentral (non-ducted) RVU.

And/or one offer for the following product category in the airflow capacity range 450 - 1000 m<sup>3</sup>/h if applicable, i.e., the test laboratory has the facilities for RVUs in that capacity range:

- Bidirectional central RVU with heat recovery.

Regarding RVUs with heat recovery systems, except for alternating units, only RVUs with plate heat exchanger will be tested. Alternating RVUs with regenerative heat recovery systems will also be tested.

#### Option for purchasing add-on services

The contract includes an option for purchasing add-on services such as triple-product testing and carriage. However, the contract does not guarantee any purchases of add-on services.

Triple product tests: In the case of a single-product test result indicates non-compliance, a triple-product test (+3 appliances test) might be conducted. Three new samples of the same product model will be tested to prove non-compliance. For the triple-product testing the test laboratory already knows the set-up, settings, fittings etc., so the triple-product testing is expected to be less time consuming.

Carriages: The intention is to deliver the products to be tested to the tenderer free of charge in original packaging, brand new. In some cases however, the tenderer might be requested to handle the delivery of products. In this case the tenderer has to ask for an offer from three different cargo companies.

Additional single-product testing: The intention is to conduct single-product testing of three products per MSA. Some MSAs might be interested in increasing the numbers of tests at their own expense.

## Estimated quantities

### Estimated quantity of single-product testing:

33 RVUs by February 2022. The testing services might be split between more than one test labs.

### Estimated maximum quantity of triple-product testing:

Four to seven products might have to be triple tested. There is no guarantee for triple-product testing. The decision on how many (if any) triple-product tests will be conducted will be taken by the concerned WP10 participating Market Surveillance Authority depending on the result of the single-product testing.

## 4. Exclusion criteria - Declaration on honour

Tenderers are excluded from participation in this tender procedure if they can not provide *a signed declaration on honour (DoH)* showing that the tenderer is not subject to any of the exclusion criteria listed in Annex A. Tenderers must use the enclosed form (Annex A).

## 5. Qualification criteria

The qualifying criteria that also must be met by all tenderers in order for their tender to be considered are presented below. Compliance with each should be explicitly confirmed and if necessary explained in the tender. (Note: Assessment criteria to rank bids are given separately in a later section).

### Accreditation

Accreditation according to ISO/IEC 17025<sup>1</sup> is required, as well as accreditation for the relevant test method(s) for the products to be tested (such as the EN 13141-series acc. to product type, and EN ISO 5801 for fans and other relevant standards referred to in the standards and as explained in the Commission Communication in OJ 2016/C 416/06<sup>2</sup>e.

If a tenderer relies on accreditation to a 'similar' test method, then this must be justified carefully in the proposal. The scope of competence and management systems active at the lab shall fully comply with ISO/IEC 17025 accreditation.

<sup>1</sup> ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories

<sup>2</sup> Commission communication in the framework of the implementation of Commission Regulation (EU) No 1253/2014 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for ventilation units and of the implementation of Commission Delegated Regulation (EU) No 1254/2014 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to energy labelling of residential ventilation unit, [https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:52016XC1111\(09\)&from=EN](https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:52016XC1111(09)&from=EN)

## 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.

In case the tenderer receives or is informed they will receive a product model for test which the tenderer has already tested on behalf of another party, the tenderer shall immediately inform the WP coordinator and the MSA to let them decide how to proceed.

## Right to witness testing

One or two representatives of vores bureau and/or the MSAs will be permitted to witness tests by prior arrangement.

## Location and co-location of staff

All testing of the supplied products must be carried out in a laboratory situated within the EU or EEA. The tenderer must explain if the testing will be conducted in a different location/country to that of the office submitting the bid.

The laboratory shall have the necessary managerial and technical personnel based at the lab site for the duration of testing; those staff shall have the authority and resources needed to carry out the testing and reporting.

## Subcontracting

Subcontracting is accepted for limited specific tests e.g. on sound power. However, the subcontractor is to be evaluated and presented as part of the tender, must also comply to the mentioned exclusion and qualification criteria, and the tenderer must take full responsibility for the task performed by the subcontractor.

The laboratory must include capability and capacity to carry out the testing services without the need to subcontract any other testing outside its own capacity except as mentioned above. If a specific skills 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 from vores bureau, before any such subcontracting can be considered.

## Experience

It is required that the tenderer in the past three years has:

- Tested minimum five RVUs according to the required EN standards, including for energy classification and interpreting test results for establishing compliance with relevant ecodesign and energy label regulations.
- Performed compliance testing for MSAs (it does not have to be in the RVU section of the lab).

## Capabilities

Following capabilities are required:

- a) The contact persons of the tenderer must be fluent in English for technical discussions and reporting.
- b) Ability and willingness to host WP10 experts/participants to see test facilities and discuss details with technical staff. Depending on the COVID19 situation it must be possible (but not preferred) to arrange a virtual visit instead of a physical visit.

- c) Ability and willingness to provide additional optional technical services directly to the MSAs for work relating to the testing tasks in this specification or to other tasks. Any such work would be separately quoted and contracted with vores bureau or each specific MSA.
- d) If the contractor selects more than one tender, the tenderer must participate in discussions of results with this/these other tenderers to develop common good practice approaches as a learning exercise for all potential participating test labs during the testing programme.
- e) Flexibility to agree upon a reporting format (template and content) as required to meet the reasonable consensus requirements of the MSAs.

## Storage of products

The tenderer must have capacity and must agree to store each product securely until collection by the MSA or vores bureau by arrangement or until permission is given by MSA or vores bureau - mentioned in writing - for its disposal.

For non-compliant products, long-term storage may be required until November 2023. Long-term storage might be necessary to allow for completion of any resultant court case, but the storage does not have to be at the lab.

Any long-term storage beyond November 2023 will be organised between the lab and the relevant MSA by a separate contract.

## Keeping records of documents and reports

The tenderer accepts to keep an electronic copy of all test reports and supplementary reports, and other supporting documentation until for a period of 10 years after the end of this task.

## 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/importer or other party unless explicitly agreed with vores bureau and the relevant MSA.

Consequently, all contact and communication between the manufacturer/importer of the product sample and the lab should be done with the MSA being responsible for the specific product until the MSA allows otherwise as per the above text.

## Financial criteria

The tenderer shall document an average turnover for the latest three years of minimum 1,5 time the total value of the estimated financial proposal submitted by the tenderer.

## Acceptance of standard terms

- a) Acceptance without reservations that CINEA (European Climate, Infrastructure and Environment Executive Agency managing the Horizon 2020 programme), 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.
- b) The terms of the tender must be valid for acceptance for at least three months from submission.

## 6. Requirements

Please find the requirements in Annex B.

## 7. Financial proposal/prices

Annex C Financial Proposal informs which tests and test parameters the call requests prices on, and this section provides basic information below.

The tenderer can provide offers on:

- All of the five product categories in the 450 m<sup>3</sup>/h product range.
- And/or the one product category in the volumetric airflow capacity above 450 m<sup>3</sup>/h.

The tenderer is requested to quote following prices:

- a. Unit costs per test parameters for single-product testing.
- b. Unit costs per test parameters for triple-product testing.
- c. Hourly rate for other additional services.

Annex C shall be used as a template for a price table for each of the five product categories.

Please note, that the unit cost must include the ‘testing services’. ‘Testing services’ includes the following, but is not limited to (see also Annex B: Requirements):

- Planning of testing programme.
- Receipt of products and storage.
- Discussions and suggestions on screening tests and stop/go criteria during test.
- Storage after test until disposal or end of contract (see assumptions above regarding this);
- Photos of products;
- Potentially preinspection of the product (only relevant for Annex C, unit cost group 2);
- Testing of each product as specified. Any significant differences in the price of testing due to different possible standards should be explained in the proposal and if necessary costed separately;
- Standard report for each product as agreed but based on that in the harmonised standard (or standards named or methods described in the transitional methods);
- Separate report on circumvention checks, compliance recommendation etc. as described in requirements section above;
- Meeting(s) including physical at the test lab and virtual meetings to discuss the test programme, testing progress, and the test results as per requirements in Annex C;
- Potentially communication and clarifications regarding test results also with the individual MSAs by submission of test reports.
- Project management etc.
- Final report.

Prices should be quoted in Euros excluding VAT.

If it is decided to carry out a more limited or extended test programme, the final cost of testing will be adjusted accordingly.

## 8. Assessment questions

The tender must answer these general questions :

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- 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 short summary CV of the lead technical expert(s). It is expected that the team presented in the tender will be the one executing the services under the contract. Changes in the composition of the team should be justified, approved by the contractor, and should not 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) Management: Please describe briefly how your organisation ensures that the systems that resulted in lab accreditation are implemented and maintained in daily work. Give a couple of examples of specific management practice that help to achieve this.
- c) Round robin: Please describe any experience of participation in round-robin testing.
- d) Cooperation: Please indicate your experience of sharing experiences with other labs, cooperation, jointly developing good practice etc! - note that this aspect is desirable but not essential to success of the tender. This is especially relevant to prepare for the foreseen standard for domestic products. Note any areas for which commercial confidentiality may restrict sharing.
- e) Storage: Please indicate how you propose to store the products securely and if restrictions on quantity or time apply.
- f) Testing experience in the past three years. Please describe:
  - i. The experience of your team (collectively) of carrying out residential ventilation units testing to the relevant standard(s) and compliance with regulations (quantity of tests to the relevant standard(s)).
  - ii. The experience your team (collectively) has with product compliance testing for MSAs(it does not have to be in the same section of the lab).
- g) Please indicate customer references from the last three years that could be followed up as part of the assessment.
- h) Technical experience: Please describe technical experience of the team regarding e.g development of standards, applying knowledge to product development, development of test methodologies (which TC/SC and WG), screening tests etc.
- i) 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 number of thermal chamber(s) and other equipment and measuring equipment available to your lab.
  - ii. The maximum number of RVUs tests in each of the different categories that can be ongoing at the same time (i.e. over the same day(s) of test) and the delivery time from receiving the samples until delivering the final report of each sample. Note that this can exclude the physical process of set-up, if it 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).
  - iii. How many products of each type (only single-product testing) can be tested immediately and with no delay, if the products arrives at the lab mid october?
  - iv. Approximately how many products of each type (for both single-product testing and triple-products testing) can be processed per week or per month; note any caveats on this and how long is needed between completion of one test and start of the next test set-up; and between end of a test and delivery of the test report.

- v. If there is a maximum number of products total or per period that you would wish to impose or any other restrictions on capacity that the Contractor should bear in mind for planning. These will not necessarily count against your bid and could help it if you indicate how they can be managed.
  - vi. Any significant implications of changes/risks to the timeline (up to 3-month delay or some acceleration).
- j) 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) in English.
  - k) Disposal: Please indicate how you propose to dispose of products responsibly or how you can support their return to different locations.

## 9. Tender documentation

The tender should comprise complete tender documentation that shows proof of its ability to meet the requirements of the call of tenders, including the following:

- a) The name, address, organisation identification number and contact information of your organisation and the name and contact information of a contact person.
- b) Signed Declaration of Honour with blue ink hand-written signature (digital scanned version). Please see Annex A.
- c) A specific section confirming compliance with each qualifying criteria which is headed 'Qualifying Criteria' and has sub-headings numbered as per section 4 of this call for tender (yes/no with explanatory sentence or short statement (if necessary) on each).
- d) Brief overview of your organisation.
- e) A section confirming your understanding and acceptance of the scope, test standards, regulations, required services, requirements and other requirements and assumptions. With explanatory sentence / short statement on items if necessary (number sub-sections as the chapters in the call of tender and per Annex B). Observations or comments on these are welcome in a short additional section. In particular, we expect products to be tested according to the state of the art, but different Standards' versions may be used by manufacturers: this implies that the lab is able to point and report on the differences between standards.
- f) Section addressing the Assessment Questions as mentioned in section 8, with sub-sections labelled as per the corresponding question letters (a, b, c etc).
- g) Signed financial proposal as per Annex C. Offers for services which are not provided as described in this specification will not be evaluated.
- h) Section offering any additional information or observations on the proposed testing programme or price that may be relevant to planning and evaluation of offers.

## 10. Questions about this specification

Reservations to the content of the call for tender material, questions of clarification, or other queries about the tender requirements or specification must be submitted in writing to [tender@voresbureau.dk](mailto:tender@voresbureau.dk) AND [eepliant3@prosafe.org](mailto:eepliant3@prosafe.org) with the subject header 'URGENT: Question for EEPLIANT3 WP10 Tender'. Orally addressed questions, by phone e.g., cannot be answered, in fairness to all bidders.

Questions etc. must be received no later than **Thursday 2.<sup>nd</sup>, September 2021, 17:00 CET**. Due to the issuing period during the summer vacation time the length of the questionnaire period and thereby tender deadline has been prolonged compared to normally. Questions will continuously be answered

soonest possible and the last questions latest **Monday 6<sup>th</sup> September, 14:00 CET** and published as explained below.

Potential tenderers are welcome to register their interest by forwarding an e-mail to [tender@voresbureau.dk](mailto:tender@voresbureau.dk) and [eepliant3@prosafe.org](mailto:eepliant3@prosafe.org) with the subject header 'EEPLIANT3 tender - registration of interest'.

Anonymised question(s) and response(s) will be circulated to potential tenderers who registered their interest and will also be regularly posted on the EEPLIANT3 website: <http://eepliant.eu/index.php/news>.

## 11. Timeline

1. Call for tender published on EEPLIANT3 and vores bureau websites on Tuesday 10<sup>th</sup> August 2021.
2. Deadline for submission of questions about the specifications: Thursday 2<sup>nd</sup>, September 2021, 17:00 CET.
3. Final Q&A to be published on Monday 6<sup>th</sup> September, 14:00 CET.
4. Deadline for submission of tenders: Friday 17<sup>th</sup> September 2021, EOB.
5. The tender must be written in English and sent to the office of vores bureau via email at [tender@voresbureau.dk](mailto:tender@voresbureau.dk) AND [eepliant3@prosafe.org](mailto:eepliant3@prosafe.org): with the subject header 'EEPLIANT3 WP10 Tender' and copied to the Work Package Facilitator: Bjarke S. Hansen at [bjarke@voresbureau.dk](mailto:bjarke@voresbureau.dk).
6. Tenders received after the deadline cannot be assessed.
7. vores bureau aims to notify tenderers that failed the procedure shortly after. They will be granted 5 working days to request clarifications or appeal the decision by email.
8. vores bureau will analyse the appeal and provide a final decision within a week from the moment the appeal was launched.
9. vores bureau will inform successful tenderers by the end of September.
10. Clarification of tender details and implementation options with the selected tenderer during the end of September 2021/beginning of October.
11. Contracts are expected to be signed by the beginning of October 2021. All tenderers will be informed about the tender result.
12. Product testing commences last half of October 2021 preferably immediately after signature to the beginning of March 2022.

## 12. Assessment of tenders

The selection process will be as follows:

1. Screening of tenders for compliance with the exclusion and qualifying criteria (any non-compliant rejected);
2. Assessment of qualifying tenders based on the assessment criteria below leading to selection of preferred tenderer.
3. Review of any qualifying tenders taking into account most advantageous delivery and best value overall with a quality vs. price rating on 60:40.
4. Final selection of tender(ers) and potential decision on number of products to be tested and distribution between tenderers.

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The goal of the evaluation is to understand the ability of tenderers to carry out the programme of work timely and to a high standard of quality, and to assess the quality and quantity of tenderer's experience of similar work, for the organisation as a whole and for the named individuals.

It is possible to bid on just one or both parts of the call for tender, namely testing of product with a maximum flow rate up to and including 450 m<sup>3</sup>/h respectively above 450 m<sup>3</sup>/h.

The selection will be made by a sub-group formed by WP10 members, PROSAFE and vores bureau and will be based on following assessment criteria:

1) Technical capacity and quality:

- a. Each issue in assesment questions (from a to l) will be awarded points (from 0 if not satisfactory to 3 if very satisfactory):
  - i. If they are covered.
  - ii. Regarding the clarity of the tender in responding to the call for tender.
- b. All issues have a weight of 1, expect the following issues that have been assessed by WP10 as more or less important in the weight of the assessment:
  - i. Participation in Round Robin projects and their description (issue c), and description of sharing experiences with other labs (issue d) have a weighting of 1,5.
  - ii. Testing experience (issue f.i) has a weighting of 3.
  - iii. Testing experience for MSAs (issue f.ii) has a weighting of 2.
  - iv. Technical experience (issue g) has a weighting of 2.
  - v. The testing capacity and delivery time (issue i) has a weighting of 3.
  - vi. The plan to optimise throughputs (issue h.i.) has a weighting of 2.
  - vii. The plan for managing the disposal of products or their return to different locations has a weighting of 0,5.

2) Price:

- a. Each of the two volumetric airflow capacities ranging up to 450 m<sup>3</sup>/h respectively above 450 m<sup>3</sup>/h will be evaluated separately
- b. For the airflow capacity range up to 450 m<sup>3</sup>/h each of the individual product categories will have the following weighting in the price calculation:

i. Bidirectional central RVU with heat recovery	6
ii. Bidirectional decentral RVU with heat recovery	2
iii. Alternating (push-pull) bidirectional decentral RVU with heat recovery	1
iv. Unidirectional central RVU	1
v. Unidirectional decentral RVU	2
- c. For the airflow capacity range above 450 m<sup>3</sup>/h, each of the individual product categories will have the following weighting in the price calculation:

i. Bidirectional central RVU with heat recovery	3
ii. Bidirectional decentral RVU with heat recovery	1
iii. Alternating (push-pull) bidirectional decentral RVU	

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with heat recovery	0
iv. Unidirectional central RVU	1
v. Unidirectional decentral RVU	1
d. For each of the individual product categories the different groups of test parameters (ref. Annex C Financial proposal) will have the following weighting:	
i. Group 1, SPI, $\eta_t$ , and $P_{E,ref}$ (sum of all prices)	5
ii. Group 1, Sound Power Level ( $L_{WA}$ )	2
iii. Group 1, Maximum flow rate	1
iv. Group 2, Verification of presence or correctness	1
v. Group 3, values for informational (sum of prices for all test parameters in group 3)	2

## DISCLAIMER

This call for tender is part of the EEPLIANT3 concerted action that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 832558.

The content of this call for tender represents the views of the author and it is his sole responsibility; it can in no way be taken to reflect the views of the European Climate, Infrastructure and Environment Executive Agency (CINEA), the European Commission or any other body of the European Union, who are not responsible for any use that may be made of the information it contains.