PROSAFE Joint Actions Best Practice

JAHARP MNIBUS 2021

Co-funded by the European Union

Joint Actions on Harmonised Products 2021

JAHARP2021-08 Pyrotechnic articles (Grant Agreement No. JA2021-08)

Work Package (WP) 3 - Marine Distress Signals & Rescue Products

Call for Tender for Test Laboratories

Product Marine Distress Signals & Rescue Products

Published 1 March 2023

1. Background and scope

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 with the support of EU funding, such as JAHARP2021-08. The Joint Action runs between June 2022 and May 2024 (24 months duration) and addresses marine distress signals and rescue products. The JAHARP2021-08 Action includes the following roles and responsibilities:

1. One Member State representatives is appointed as Project Leader. For WP3, this is Mathias Sprenger from BSH (the Federal Maritime and Hydrographic Agency) in Germany.
2. A selected Project Facilitator supports the Project Leader and is responsible for facilitating the technical aspects of the project. This is Mr Torben Rahbek from PROSAFE.
3. PROSAFE represented by Mrs Ioana Sandu, Executive Director, is the Project Coordinator, responsible for the project general and financial management and coordination of the Joint Action.

2. Overview of the tender

An important part of JAHARP2021-08 WP3 is the checking of the safety and compliance of marine distress signals and rescue products with the requirements of the Marine Equipment Directive 2014/90/EU. This requires testing of products to the appropriate European standard in accredited test labs. The products to be tested are sampled, bought and delivered to the selected lab(s) by the JAHARP2021-08 WP3 group concerned.

Bids are invited from individual labs only. However, for operational, capacity and technical reasons and depending on the circumstances, the WP may appoint one or more labs to carry out the test programme.

In order to be considered, Tenderers must meet all of the Exclusion and Qualifying Criteria. Please check these requirements carefully and ensure that the bid explicitly addresses how each of these criteria is met.

Compliant bids will be entered into a shortlist for further joint evaluation on the assessment criteria and financial offer to determine the best value for money.

3. Requirements

Relevant EU regulations

The aim of the test is to verify if selected products comply to the Marine Equipment Directive, 2014/90/EU.

Definition of scope of products:

Products to be tested include marine distress signals and rescue products such as:

- Rocket parachute flares,
- Hand flares and
- Buoyant smoke signals.

Relevant test standard:

IMO MSC.1/Circ. 1629, IMO MSC.48(66) and IMO.MSC.81(70) will be applied.

Test programme:

The test of the products will follow a test programme that is based on IMO MSC.1/Circ. 1629, IMO MSC.48(66) and IMO.MSC.81(70) but reduced.

The detailed test programme is described in Annex 1.

Requested services:

The testing will comprise the tests most relevant for safety. The test programme to be carried out will be determined after discussion with the selected laboratory.

The task comprises the following services (consider in context of the other requirements/assumptions detailed below):

a) Potentially, host a visit of 2 participants/staff to the lab facility, as part of final stage of assessment process - if the circumstances allow. Will include discussions of technical testing and logistical, timing and capacity issues with lab staff.

b) Appoint a primary contact person who has project management authority for the duration of the Joint Action. Any change of appointed contact will be by agreement with the Joint Action team. Work with the JAHARP2021 Omnibus Joint Action staff by email/phone to plan the preparation, testing and reporting programme to achieve a workable and smooth process.

c) Take digital photographs of each product before testing that show all main features and functionality. Label each image file recognisably and/or provide an index of images that is searchable by brand and model number.

d) Record videos showing the burning behaviour of each product from ignition until the product has stopped functioning. Label each file recognisably and/or provide an index that is searchable by brand and model number.

e) Participate in constructive discussions when the project meetings are held at lab premises and occasionally by email or conference call with Action participants regarding practical ideas for improvements to test method, equipment, processes, project plan etc. This is to help maximise benefits of the Action and to inform the project team efforts to positively influence future

development of test method, regulation, market surveillance good practice and test lab capacity in the EU. These discussions may involve other participating lab(s) by arrangement.

f) Test each product according to the applicable EU regulations and IMO MSC.1/Circ. 1629, IMO MSC.48(66) and IMO.MSC.81(70), in order to verify and demonstrate compliance with the specific requirements relevant to the product type. The test will focus on a subset of the requirements in IMO MSC.1/Circ. 1629, IMO MSC.48(66) and IMO.MSC.81(70) as described in detail in Annex 1.

g) Issue an individual report for each tested unit in accordance with the highest appropriate standards of quality, integrity, accuracy and timely delivery, and the recommended/agreed reporting format. Reports must record which sections of the testing process were not carried out as agreed beforehand with the JAHARP2021 Omnibus Joint Action. For each test requirement, the reports must indicate the measured value as well as a "failed/passed" verdict, and they must list the uncertainty of the measurement where applicable. Reports should also include photos of the product and of its set-up as well as videos showing the functioning of the product during the test.

   Note: It will always be the relevant Authority that decides whether the product complies with the legal requirements or not.

h) Store each product safely and securely until disposal (subject to PROSAFE's approval).

i) Host a physical or a remote/virtual meeting of the Work Package participants at or near the lab to 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 regulation. 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 8 visitors.

j) Provide a comprehensive individual report for each model tested that fits the needs and requirements of the participating Market Surveillance Authorities;

k) Prepare a summary report on all the tests carried out and their results.

Other requirements / assumptions

The tenderer should also demonstrate ability to meet the following requirements. Some of these are assumptions and if any change, the impact will be discussed in good faith with favoured bidders to agree a resolution before a contract is placed:

a) Quantity: The agreement foresees the testing of 20 marine distress signals and rescue products, namely 6 **Rocket parachute flares, 7 Hand flares and 7 Buoyant smoke signals.** For each product **18 specimens** will be sampled between June 2023 and October 2023. This timeline may change and any significant implications of changes to the timeline (e.g., of up to 3 months advance or delay) should be noted in the tender. The final number of products to be tested per contract may depend upon overall price, overall lab capacity and number of labs appointed. The final number and timing will be decided in discussion with preferred bidder(s) before placement of the contract(s).

b) Compliance opinion: The purpose of the testing is to enable the Market Surveillance Authority to decide whether a particular product fails to comply with the applicable EU legislation. Decisions will include considering the test report provided by the lab in line with IMO MSC.1/Circ. 1629, IMO MSC.48(66) and IMO.MSC.81(70) as part of these services.

d) Delivery: The products to be tested will be delivered to the lab free of charge in original packaging, brand new. They will arrive either singly or in batches. Suitable arrangements to receive and verify

receipt of the correct product (as per prior notice by PROSAFE) must be made by the lab. Products remain the property of PROSAFE or the authority providing them throughout, unless released for disposal.

The samples to be tested are expected to be taken from the market of their territory, by each of the 3 Market Surveillance Authorities (MSAs) participating in the Work Package:

1	Germany	BSH	Federal Maritime and Hydrographic Agency
2	Norway	NMA	Norwegian Maritime Authority
3	Portugal	DGRM	Portuguese Maritime Administration (General Directorate for Natural Resources, Safety and Maritime Services)

Note: Any changes in the participation will not affect the implementation of the purchased services.

e) Storage: Products must be safely and securely stored by the lab between their delivery to the lab (or an agreed facility) throughout testing and until permission is given by PROSAFE in writing for its disposal. This includes specimens that have failed during testing. Storage must be in a dry and temperature-controlled facility with controlled access by personnel. Products including specimens that have failed in test must be kept secure from tampering before and after testing. PROSAFE will ensure that, before the end of the contract, each product is approved for disposal, or a contract to extend storage is in place with the relevant authority. The cost of storage to the end of and beyond the project duration for up to 12 months should be included in the quoted price.

f) Destruction: When permission is given by PROSAFE, all products must be destroyed by the laboratory. Products shall under no circumstances be made subject to sale or donations.

4. Exclusion criteria

Tenderers are excluded from participation in this tender procedure if:

- they are bankrupt or being wound up, are having their affairs administered by the courts, have entered into an arrangement with creditors, have suspended business activities, are the subject of proceedings concerning those matters, or are in any analogous situation arising from a similar procedure provided for in national legislation or regulations;
- they have been convicted of an offence concerning their professional conduct by a judgment which has the force of res judicata;
- they have been guilty of grave professional misconduct;
- they have not fulfilled obligations relating to the payment of social security contributions or the payment of taxes in accordance with the legal provisions of the country in which they are established or with those of the country of the contracting authority or those of the country where the contract is to be performed;
- they have been the subject of a judgment which has the force of res judicata for fraud, corruption, involvement in a criminal organisation or any other illegal activity detrimental to the European union's financial interests;
- they have been convicted of an offence concerning Council Regulation (EU) 2022/394 of 9 March 2022 amending Regulation (EU) No 833/2014 concerning restrictive measures in view of Russia's actions destabilising the situation in Ukraine;

- following another procurement procedure or grant award procedure financed by the Community budget, they have been declared to be in serious breach of contract for failure to comply with their contractual obligations.

Tenderers are asked to provide a declaration on honour stating that they are not in one of the situations giving rise to exclusion from the procedure as listed above. Tenderers must use the model circulated with the tender documentation, reproducing it word for word and in its entirety.

5. Qualifying criteria

These are the minimum qualifying criteria that must be met by all tenderers in order for their bid to be considered. 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

1. The results of this testing will be used by Market Surveillance Authorities to assess the compliance of equipment with regulations; results may have to be used to support legal action. For this reason, authorities must be able to demonstrate full legal confidence in results.

   Therefore, accreditation according to ISO 17025 is required and should be maintained throughout the duration of the contract.

   The scope of competence and management systems active at the lab shall fully comply with EN 17025 accreditation and shall include, but is not limited to, control of:

   - Competence of staff, particularly in their allocated tasks;
   - Supervision of staff undergoing training;
   - Laboratory facilities for testing and calibration shall be such as to facilitate correct performance of the tests and/or calibrations according to the relevant standard(s);
   - All equipment used for tests and/or calibrations, including equipment for subsidiary measurements having a significant effect on the accuracy or validity of the result of the test, calibration or sampling, shall be calibrated as necessary before being put into service to fully meet the relevant standard(s);
   - Adequate supervision of testing and calibration staff by persons familiar with methods and procedures, purpose of each test and/or calibration, and with the assessment of the test or calibration results;
   - Procedures in place and followed for proper processing, storage, maintenance and disposal of quality and technical records;
   - Procedures to securely protect and backup records and prevent unauthorized access or amendment;
   - Procedures for task requests, including verification of necessary capability, resources and full compliance of work with the contract, reporting to the Project Facilitator.

Absence of conflict of interest

2. 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. This is very important because the results of testing may be used by authorities to follow up non-compliance, including legal proceedings.

Right to witness testing

3. One or two representatives of PROSAFE and/or the Market Surveillance Authority, and/or the European Commission will be permitted to witness any given test by prior arrangement, under supervision of test laboratory personnel. Manufacturers (or a representative of the manufacturer) shall be permitted to examine specimens at the laboratory under supervision of test laboratory personnel subject to prior agreement with the involved market surveillance authority. This includes inspection of those specimens that failed the laboratory test.

Location and co-location of staff

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

5. 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

6. PROSAFE does not accept that the selected laboratory subcontracts the testing services or any other service covered by this Call for Tenders. The laboratory must include capability and capacity to carry out the testing services without the need to subcontract any testing outside its own capacity. 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 of PROSAFE's Executive Director before any such sub-contracting can be considered.

Experience

7. Recent experience of testing relevant or very similar products to IMO MSC.1/Circ.1629, IMO MSC.48(66) and IMO.MSC.81(70) for establishing compliance with relevant EU regulations.

Capabilities

8. Fluent in English for technical discussions and reporting.

9. All necessary equipment to test to the relevant standard(s) for which all necessary equipment meets the requirements set out in the relevant standard(s).

10. If allowed by the circumstances, ability and willingness to host a visit of project experts/participants to see test chambers and discuss details with technical staff as part of the final stage of the assessment process before award of contract(s).

11. Ability and willingness to provide additional technical services directly to EU Member State Market Surveillance Authorities for work relating to the testing tasks in this specification or to other tasks. Any such work would be separately quoted and contracted.

12. If applicable, willingness to 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.

13. Flexibility to agree a reporting format (template and content) as required to meet the reasonable consensus requirements of Authorities.

Storage of products

14. Store each product securely until permission is given by PROSAFE in writing for its disposal. Longer-term storage does not have to be at the lab. Storage could be required for 12 months or more to allow for completion of any resultant court case. This includes storage of tested products and specimens that failed in testing.

Keeping records of document and reports

15. The lab 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.

Confidentiality

16. The lab 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 Market Surveillance Authority.

Acceptance of PROSAFE standard terms

17. Willingness to comply with "PROSAFE's General Conditions for Tender" as attached to this specification.

18. Contractors accept without reservations that DG GROW, 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 eligible for further assessment as below. Bids that do not meet the above Qualifying Criteria will be rejected.

6. Assessment Criteria

Bidders shall demonstrate how they best comply with the aspects raised in the questions below. **Please note that each point needs to be treated clearly, one by one and well-marked so that the Evaluation Committee can easily trace your answer for each topic in the overall bid:**

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).

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. 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. Note any areas for which commercial confidentiality may restrict sharing.

D. Storage: Please indicate how you propose to store the products (including specimens that have failed in test) safely and securely and if restrictions on quantity or time apply.

E. Testing experience. Please describe:

   i. The experience of your team (collectively) of carrying out testing on marine distress signals and rescue products according to the applicable essential design and construction requirements and the specifications of IMO MSC.1/Circ. 1629, IMO MSC.48(66) and IMO.MSC.81(70) (quantity of tests in the past 5 years).

   ii. The experience you have with testing for European Market Surveillance Authorities.

F. Please indicate if you have recent customer references that could be followed up as part of the assessment.

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

H. 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.

   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 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).

   iii. Approximately how many products 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.

   iv. 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 PROSAFE 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.

   v. Any significant implications of changes to the timeline (up to 3-month delay or some acceleration).

I. 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).

J. Disposal: Please indicate how you propose to destroy products responsibly.

7. Financial Proposal Requirements

PROSAFE is VAT registered as 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 offer must be valid for acceptance (or negotiation) for at least 3 months from submission.

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

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;
- Storage until and after testing (up until disposal subject to PROSAFE's permission) of all specimens including those that have failed in the test;
- Images 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;
- Videos of the products and their burning behaviour;
- Standard comprehensive report as agreed but based on IMO MSC.1/Circ. 1629, IMO MSC.48(66) and IMO.MSC.81(70);
- Ad-hoc meeting(s) including virtual meetings to discuss results as per requirements above;
- Final report.

Therefore, the price per model shall cover:

— Comprehensive testing according to the selected requirements of IMO MSC.1/Circ. 1629, IMO MSC.48(66) and IMO.MSC.81(70), 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 photos of all non-conformities;

— Preparation of videos showing the burning behaviour of the products from the specimen is ignited until it has stopped functioning;

— Preparation of a summary report on all the tests carried out;

— Ad-hoc participation in project/WP-related meetings, upon invite;

— Responding to enquiries from the JAHARP2021-08 Work Package and the participating authorities about the outcome of the testing throughout the term of the contract;

— The hosting of a physical or remote meeting for maximum 5 attendees;

— Storage and subsequently safe destruction of the products.

The quotation shall include an indication of the discounts proposed for quantity.

Note 1: The prices in Euros quoted for testing according to the reduced test programme based on IMO MSC.1/Circ. 1629, IMO MSC.48(66) **and IMO.MSC.81(70)** as described in Annex 1 will be taken into account during the selection process. If it is decided to carry out a more limited test programme, 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

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

1. Signed Declaration of Honour sent in original with blue ink hand-written signature by post (reference **Section 4 and Annex 3**). 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 qualifying 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 (see Annex 2 uploaded separately).

3. Document confirming your understanding and acceptance of the Requirements. With explanatory sentence/short statement on items if necessary (number sub-sections as per **Section 3**).
4. Section addressing the Assessment Criteria (reference **Section 6**), with sub-sections 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 Annex 2 uploaded separately).
5. Financial proposal as per **Section 7** of this Specification. For fair assessment, please provide an offer for services as described in this specification.
6. Section offering any additional information or observations on the proposed testing programme or price that may be relevant to planning and evaluation of offers.

9. Questions about this specification

Any questions of clarification or other queries about the tender requirements or specification must be submitted in writing to ioana@prosafe.org **AND** mario@prosafe.org, and copied to tr@torbenrahbek.dk with the subject header '*URGENT: Question for the JAHARP2021-08 WP3 Call for Tenders*'. Verbally addressed questions will not be answered, in fairness to all bidders.

Questions must be received by 27 March 2023 at 17:00 CET.

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

10. Tender and contract timeline

1. Tender published on PROSAFE websites on 1 March 2023.
2. Deadline for submission of questions about the specifications: 27 March 2023 at 17:00 CET.
3. Deadline for submission of tenders: 3 April 2023 at 17:00 CET.
4. Tenders must be sent to the offices of PROSAFE in hardcopy (Avenue des Arts/Kunstlaan 41, 2nd floor, 1040 Brussels, Belgium) **AND** via email to ioana@prosafe.org **AND** mario@prosafe.org with the subject header '*JAHARP2021-08 WP3 Call for Tenders*' and copied to the Project Facilitator: Torben Rahbek, tr@torbenrahbek.dk. Hardcopies must be received on 6 April 2023 – stamp date being the proof that they were sent on 3 April 2023.

Tenders received after the deadline will not be assessed.

5. PROSAFE aims to notify bidders that failed the procedure shortly after. They will be granted 5 working days to request clarifications or appeal the decision by email.
6. PROSAFE will analyse the appeal and provide a final decision within a week from the moment the appeal was launched.
7. PROSAFE will inform successful bidders in week 16 (2023).
8. Clarification of bid details and implementation options with preferred bidders during second half of April.
9. Contracts are expected to be signed first half of May.
10. Testing is expected to commence June 2023.

11. Evaluation and award procedure

The tenders will have to follow the standard submission and evaluation procedure. **An evaluation committee** will assess all tenders received.

In order to be considered, tenders must meet all of the Exclusion and Qualifying Criteria. Please check these requirements carefully and ensure that the bid explicitly addresses how each of these criteria is met.

Compliant bids will be entered into a shortlist for further joint assessment to obtain the most advantageous overall delivery and best value.

The selection process will be as follows:

1. Screening of tenders for compliance with the exclusion criteria (any non-compliant rejected);
2. Screening of tenders for compliance with the qualifying criteria (any non-compliant rejected);
3. Assessment of qualifying bids based on the assessment criteria below leading to selection of preferred bidders;
4. Preferred bidders contacted to arrange a lab visit, if allowed by the circumstances, or a virtual call to discuss the testing plan;
5. Assessment of tenders based on bid documents and visit results;
6. Review of any qualifying bids taking into account most advantageous delivery and best value overall;
7. Final selection of bidders and decision on number of products to be tested and distribution between bidders.

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 bidder's experience of similar work, for the organisation as a whole and for the named individuals.

The selection will be based on the following assessment criteria:

1) Technical capacity and quality:
    - Each issue of **Section 6** above (from A to J) will be awarded points (from 0 if not satisfactory to 3 if very satisfactory)
        - if they are covered
        - regarding the clarity of the bid in responding to our needs
        - regarding the level of details provided.
    - All issues have a weight of 1, expect the following issues that have been assessed by Work Package 1 as more or less important in the weight of the assessment:
        - Description of sharing experiences with other labs (issue C) have a weighting of 1,5.
        - Testing experience (issue Ei) has a weighting of 3.
        - Testing experience for MSAs (issue Eii) has a weighting of 2.
        - Technical experience (issue G) has a weighting of 2.
        - The plan to optimise throughputs (issue H.i.) has a weighting of 2 (whereas the next sub-issues H have a weighting of 1).
        - The plan for managing the disposal of products or their return to different locations has a weighting of 0,5.
2) Overall value for money on a ratio of 70%-30% for technical capacity and quality versus price from the Financial Offer.

3) Optional, if conducted: the outcomes of visit to the lab as part of the assessment process (the visit may be virtual).

12. Standard terms and conditions for the contract

Please see the attached standard terms and conditions that will apply for the contract (reference **Annex 4**).

13. Further information

Further information regarding the task and the selection procedure can be obtained from the PROSAFE office:

Avenue des Arts/Kunstlaan 41, 2nd floor
B-1040 Brussels
Belgium
Email: ioana@prosafe.org and mario@prosafe.org

or from the Work Package 3 Project Facilitator, Torben Rahbek

Email: tr@torbenrahbek.dk

With best regards,

Ioana Sandu

Executive Director

List of Annexes
Annex 1 - Test programme
Annex 2 - Tender checklist
Annex 3 - Declaration on honour
Annex 4 - PROSAFE General Conditions for Tenders

Annex 1 - Test Programme for Marine Distress Signals & Rescue Products

Introduction

This annex describes the reduced test programme that the Joint Action envisages to use to verify the compliance of the following marine distress signals and rescue products:

- Rocket parachute flares,
- Hand flares and
- Buoyant smoke signals.

The aim of the testing is to check whether the tested products fail to comply with the legislation - not to prove that the tested products comply.

The test programme is based on IMO MSC.1/Circ. 1629, IMO MSC.48(66) **and IMO.MSC.81(70)** however reduced by excluding a number of tests from the complete programme.

The reduced test programme for the three product types is shown in the tables in the next pages. The pages display the tables from IMO MSC.1/Circ.1629 with a colour coding having the following meaning:

- Red colour means that the test is **included** in the test programme that will be applied in the Joint Action.
- Grey colour (in *italic*) means that the test is **excluded** from the reduced test programme.

This means that the testing requires 18 specimens of each product, namely specimens 1 - 15 and specimens 22 - 24 as can be seen from the tables.

The test methods will be those described in IMO MSC.1/Circ. 1629, IMO MSC.48(66) **and IMO.MSC.81(70)**.

Rocket parachute flares

Test items conditioning sequence	Specimen number									References	Remarks
	1-3	4-6	7-9	10-12	13-15	16-18	19-21	22-24	25-28	MSC.81(70)	
Measuring dimensions and mass	A	A	A	A	A	A	A	A	A		
Temperature cycling test (3.1.2)	B									4.2.1	
Low temperature conditioning (3.1.3)		B								4.2.2	
High temperature conditioning (3.1.4)			B							4.2.3	
Humidity conditioning (3.2.5)				B						4.2.4	
1 m immersion for 24h (3.1.6.1)					B					4.3.1	
100 mm for 5 min (3.1.6.2)						B				4.3.2	
Salt water spray (3.1.6.3)							B			4.3.3	
2 m drop test (3.1.7.1)								B		4.4.1	
Safety inspection (3.1.9)	C	C	C	C	C	C	C	C		4.5	
Operation at ambient temperature	D				D	D	D	D		4.2.1, 4.3.1, 4.3.2, 4.3.3 & 4.4.1	
Operate at conditioning temperature		D	D	D						4.2.2, 4.2.3 & 4.2.4	
Operational test using immersion suit gloves (3.1.7.2)	E				E			E		4.4.2	Use specimens #2, #14 and #23
Vertical firing height, descent speed, burn time (Note 1)			E		E	E	E			4.6.1	
45° firing to horizontal (Note 2)	E	E		E				E		4.6.3	
Rocket recoil test for handheld only (Note 3)	E	E	E	E	E	E	E	E		4.6.4	
Flare material test colour and luminosity (3.1.8)										4.6.2	Additional flares may be used to measure the luminous intensity and may be carried out by an independent laboratory acceptable to the administration and report submitted.
Chute examination after recovery (Note 4)	F	F	F	F	F	F	F	F		LSA. Code, Chapter III/3.1.2.5	
Liferaft drop test (4.2.4)									G	LSA Code Chapter IV/ 4.1.1.2	The liferaft manufacturer should complete this form.

Hand flares

Test items conditioning sequence	Specimen number									References	Remarks
	1-3	4-6	7-9	10-12	13-15	16-18	19-21	22-24	25-27	MSC.81(70)	
Measuring dimensions and mass	A	A	A	A	A	A	A	A			
Temperature cycling test (3.2.2)	B									4.2.1	
Low temperature conditioning (3.2.3)		B								4.2.2	
High temperature conditioning (3.2.4)			B							4.2.3	
Humidity conditioning (3.2.5)				B						4.2.4	
1 m immersion for 24h (3.2.7.1)					B					4.3.1	
100 mm for 5 min (3.2.7.2)						B				4.3.2	
Salt water spray (3.2.7.3)							B			4.3.3	
2 m drop test (3.2.8.1)								B		4.4.1	
Safety inspection (3.2.12)	C	C	C	C	C	C	C	C	C	4.5	
Operation at ambient temperature	D				D	D	D	D	D	4.2.1, 4.3.1, 4.3.2, 4.3.3 & 4.4.1	
Operate at conditioning temperature		D	D	D						4.2.2, 4.2.3 & 4.2.4	
Operational test using immersion suit gloves (3.2.8.2)								E		4.4.2	
Burning time of flare	E	E	E	E	E	E	E	E		4.7.1	
Flare immersion test under water (3.2.8.3)			E								
Heptane test (3.2.9)								E		4.7.3	
Flare material test colour and luminosity (3.2.10)									F	4.7.2	May be carried out by an independent laboratory acceptable to the Administration & report submitted. Use specimens 29 to 30.
Liferaft drop test (3.2.11)									G	LSA Code Chapter IV/ 4.1.1.2	The liferaft manufacturer should complete this form.

Buoyant smoke signals

Test items conditioning sequence	Specimen number									References	Remarks
	1-3	4-6	7-9	10-12	13-15	16-18	19-21	22-24	25-27	MSC.81(70)	
Measuring dimensions and mass	A	A	A	A	A	A	A	A			
Temperature cycling test (3.2.2)	B	B	B							*4.8.1*	
Low temperature conditioning (3.3.3)	C									*4.8.1*	
High temperature conditioning (3.3.4)		C								4.8.1	
Ambient temperature conditioning (3.3.5)			C							4.8.1	
Humidity conditioning (3.3.6)				C						4.2.4	
1 m immersion for 24h (3.2.7.1)					C					4.3.1	
100 mm for 5 min (3.2.7.2)						C				4.3.2	
Salt water spray (3.2.7.3)							C			4.3.3	
2 m drop test (3.3.8.1)								C		4.4.1	
Safety inspection (3.3.13)	D	D	D	D	D	D	D	D		4.5	
Operation at ambient temperature			E		E	E	E	E		4.3.1, 4.3.2, 4.3.3 & 4.4.1, 4.8.1	
Operate at conditioning temperature	E	E		E						4.2.4, 4.8.1	
Operational test using immersion suit gloves (3.3.8.2)							F			4.4.2	
Heptane test (3.3.9)								F		4.8.2	
Smoke material test colour and luminosity (3.3.10)										4.8.3	Additional smoke signals may be submitted to an independent laboratory acceptable to the Administration and report submitted.
Wave height test (3.3.11)			G							4.8.4	
Smoke emission time: 3 min minimum, Smoke colour	H	H	H	H	H	H	H	H		4.8.1	
Drop test (3.3.12) & (4.2.4)									I	LSA Code, Chapter IV/,4.1.1.2	The liferaft manufacturer should complete this form.