



PHOTONICS PUBLIC PRIVATE PARTNERSHIP



**H2020 - 688265**

**MIRPHAB**

MidInfraRed Photonics devices fABrication for  
chemical sensing and spectroscopic applications

# Proposal Evaluation Guidelines

This document is intended to guide the evaluation of the proposals received by MIRPHAB. The evaluation will be made by the PEG. The PEG will appoint one or more Technical Contact partners per proposal. The TC partner will be responsible of preparing the technical document – using MIRPHAB Template Prototype Description.docx – to be submitted to the customer.

At the end of the Evaluation, the PEG will designate the proposals receiving the Grant from MIRPHAB.

The document is organized to drive the evaluation in 6 steps:

- Step 1: Evaluate the eligibility of the proposal;
- Step 2: Technical evaluation and scoring of the proposal;
- Step 3: Evaluation and scoring of the market and business perspectives;
- Step 4: Choice of the technical solutions foreseen (including the TC selection);
- Step 5: Allocate the MIRPHAB Grant;
- Step 6: Organize and transfer the final document with the technical proposals and the quotations to the customer;

## Step 1: Evaluate the eligibility of the proposal;

The proposed question are meant to guide the evaluation of the proposal.

- a) Accordance with the EC policies, rules of access to EC funded initiatives, with the goals of the call and with the objectives of MIRPHAB project;
  - a. EC Policies: refer to [https://ec.europa.eu/research/participants/data/ref/h2020/legal\\_basis/rules\\_participation/h2020-rules-participation\\_en.pdf](https://ec.europa.eu/research/participants/data/ref/h2020/legal_basis/rules_participation/h2020-rules-participation_en.pdf)
  - b. Objectives of the ICT28 Call: refer to <http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/916-ict-28-2015.html>
  - c. MIRPHAB Objectives: refer to the MIRPHAB proposal document
- b) The proposer must be a Company. Proposal coming from other organizations will not be considered for the evaluation;
- c) the Project Proposal submitted for evaluation must be complete, i.e. all of the required information should be provided with the request level of detail as specified in the document template;
  - a. Is the proposal sufficiently complete and detailed, providing the required info to establish a technical and commercial offer?
- d) The company must confirm their agreement with a shared understanding about the IPR issues (related to foreground and background know-how);
- e) The company must confirm that its legal officers have an understanding about the disclosure of confidential information that might be shared for the sole

purpose of the MIRPHAB activities. It has also to be agreed that partners involved in the realization are committed to confidentiality and that none of the information received will be transmitted to third parties;

- f) Only Companies having a European identity can apply for a MIRPHAB Grant. Non-European companies may apply to access to Pilot Line fabrication but will not be entitled to receive any financial support from MIRPHAB and the expenses generated by design, fabrication and test of devices will be charged to the applicant;

## **Step 2: Technical evaluation of the proposal**

The proposed questions are meant to guide the evaluation of the proposal.

1. Feasibility of the prototypes within MIRPHAB (Score: 1÷10, Weight: 1.5)
  - Can the requested solution be addressed by the technologies covered by MIRPHAB?
  - Is the development requested critical for the application foreseen?
  - Are the technical risks associated to the requested developments prejudicial to the success of the prototyping actions;
2. Contribution to the setup of the pilot line capabilities, support to advancement of the pilot line maturation, progresses in the pilot line organization, trigger for major improvements in the day-by-day operability (Score: 1÷10, Weight: 2.0)
  - Does the realization foreseen involve several modules proposed in the MIRPHAB catalog;
  - Does the realization foreseen involve several technological partners of MIRPHAB;
  - Is the miniaturization capital for the impact of the project;
  - Will the realization require the development of innovative assembly and/or packaging procedures;
3. Innovation content and progress beyond state of the art foreseen by the proposal (Score: 1÷10, Weight: 1.5)
  - Does the solution already exist on the market?
  - Can Mid-IR photonics be seen as a key enabling element in this project?
  - Is the project creating valuable IP?

## **Step 3: Evaluation and scoring of the market and business perspectives;**

The proposed questions are meant to guide the evaluation of the proposal. When requesting the Grant support from MIRPHAB, the proposals should include the full market and business information. Proposals not requesting support have to provide a description of application and of the market niche addressed.

4. Involvement and business/technical commitment of the proposer (Score: 1÷10, Weight: 1.0):
  - Has the company and/or the management team a proven track record of bringing new products/solutions to the market?
5. Consistency of the business case: the value added to the business case for the pilot line as well as the product market potential (Score: 1÷10, Weight: 1.0)
  - Does the proposal include a detailed analysis of the market niche addressed (including key business figures)?
  - Does the proposal include a timeline to the market, an estimation of the market share achievable and a share progression with time;

- Does the proposal include a preliminary business plan ;
  - Does the proposal target a real technical/business progress beyond the state of the art;
6. Have clear path to the demonstration phase (Score: 1÷10, Weight: 1.0)
- Does the proposal include a roadmap for the industrialization and commercialization of the new product?

#### **Step 4: Choice of the technical solutions foreseen**

The PEG propose the TC for each technical solution. The TC will be in charge of setting up the technical program using the MIRPHAB Template Prototype Description.docx. The TC will have 3 weeks to organize the technical document and send it back to the Broker.

#### **Step 5: Allocate the MIRPHAB Grant;**

The designation of the proposals receiving the Grant from MIRPHAB will be done at the end of the Evaluation session. The PEG participants will evaluate each proposals received and passing the threshold and based on the score received will allocate the grants. The PEG will also allocate the maximum amount given to the selected proposals and the minimum percentage on charge of the customer.

Example:

- Max Allocation: 90 K€
- Min %: 25%
- If cost is 100 K€ MIRPHAB will support with 75 K€ and the customer will have to contribute with 25 K€;
- If the cost is 120 K€ or above: MIRPHAB will support with 90 K€ and the customer will have to contribute with the rest;

#### **Step 6: Organize and transfer the final document with the technical proposals and the quotations to the customer;**

The Broker will collect all the inputs from the TC – including the different quotation offers for each CD – and formalize the offer (technical + commercial) and send it officially to the customer.

All the process to establish the quotation to the customer should be kept to 1 month max.