

## **Q&A Unmanned Systems PADR-US-01-2017, and the General Annexes**

### **Q1. In the call “Unmanned Systems”, can the proposals consider space-based unmanned systems or land unmanned systems?**

A1. The call “Unmanned Systems” focuses on a Technological demonstrator for enhanced situational awareness in a naval environment. “Remotely Piloted Aircraft Systems (RPAS) and other unmanned systems (UXS, in which “X” can stand for “Aerial”, “Surface” or “Underwater”) operated alongside other unmanned and manned systems can thereby provide significant added value to enhance such situational awareness”. Space-based and land unmanned systems are not mentioned.

### **Q2. In the call “Unmanned Systems”, which is the limit of pages for the technical proposal to cover the core part and the 4 additional modules?**

A2. The limit for a full proposal is 70 pages covering both the core part and the 4 additional modules.

### **Q3. The Call text mentions some design requirements (e.g. 2 sensors on-board) and not operational requirements. Can this be clarified?**

A3. The call text mentions the research of substantial technological progress to develop RPAS or other UXS solutions *“operated from navy ships and meeting a number of defence specific requirements:*

- *payload capacity (several types of sensors, at least 2 major sensors on-board)*
- *persistence*
- *endurance and range*
- *autonomy and optimisation of operators work-load*
- *EMC/EMI compatibility*
- *operations (including launch and recovery) at sea from navy ships under extreme conditions*
- *survivability, etc.”*

The listed requirements can be considered as operational requirements including a design constraint for the payload capacity: *“several types of sensors, at least 2 major sensors on-board”*.

### **Q4. In the call “Unmanned Systems”, how many legal entities shall participate in the core part and in each module?**

A4. The call for proposal PADR-US-01-2017 foresees that a full proposal should include a core part (EU contribution up to EUR 15.50 million from the 2017 budget) and up to 4 additional research modules (EU contribution of up to EUR 5 million each from the 2018 budget subject to the adoption of the 2018 financing decision).

Core part and all additional modules will be considered as a single proposal that will be evaluated in its entirety during a single-stage evaluation procedure.

Therefore, the eligibility and admissibility conditions apply to the proposal as a whole (core part and additional modules).

The conditions are describe in General Annexes A, B and C. The following exceptions apply to the submitted proposal as a whole:

- a) at least five legal entities shall participate in a proposal;
- b) these five legal entities shall each be established in a different Member State or associated country;
- c) the legal entities referred to in point (b) shall be independent of each other within the meaning described in General Annex C.

**Q5. Which are the Armed Forces or other organizations that committed themselves to be operationally involved in the demonstrations? What is the expectation regarding real demonstrations to be proposed in the projects?**

A5. The project shall provide a full-scale technological demonstration of mixed manned/unmanned assets in a relevant environment (TRL 6) or, if deemed appropriate, in an operational environment (TRL 7). The demonstration can be conducted in conjunction with armed forces.

A list of EU Member States armed forces that expressed their willingness to facilitate (part of) the demonstration activities can be accessed for information at [http://ec.europa.eu/research/participants/data/ref/other\\_eu\\_prog/other/pppa/wp-call/pa-call-document-padr-fss-member-states\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/other_eu_prog/other/pppa/wp-call/pa-call-document-padr-fss-member-states_en.pdf)

The list will be updated if other armed forces express their availability.

There is no obligation for applicants neither to use nor to restrict themselves to the organisations contained in this list.

**General Annexes**

***General issues:***

**Q1. Will only one proposal from each Call be funded?**

A1. The number of action funded vary depending on the call for proposal:

**PADR-US-01-2017:** Technological demonstrator for enhanced situational awareness in a naval environment – No more than one action will be funded.

**PADR-FPSS-01-2017:** Force protection and advanced soldier systems beyond current programmes – More than one action can be funded.

**PADR-STF-2017:** The European Defence Research Runway - No more than one action will be funded.

**Q2. Will EDA or the Commission administer the projects?**

A2. In accordance with the Delegation Agreement signed between the European Union, represented by the European Commission and the European Defence Agency on the implementation of a Preparatory Action on Defence Research (PADR), the European Commission entrusted EDA to implement several tasks related to PADR including the monitoring and implementation of the awarded projects.

**Q3. What are the expectations of the starting and ending dates of the projects?**

A3. According to the Commission's Decision C(2017)2262 of 11/04/2017 on the financing of the "Preparatory Action on Defence Research" and the use of unit costs for the year 2017, the award of the grants is expected for early 2018 and the duration of the projects is expected to be between 12 and 36 months.

**Q4. How will the budget of 2017 for the PADR be allocated to the different projects?**

A4. The total estimated budget of 23.33 EUR million is assigned as follows: 15.5 EUR million to PADR-US-01-2017; 6.78 EUR million to PADR-FPSS-01-2017; 0.95 EUR million to PADR-STF-01-2017; 0.10 EUR million to contracts for experts.

**Q5. Can the costs incurred by end-users' be reimbursed?**

A5. Every beneficiary, third party and subcontractor which participate in a funded project will have its costs reimbursed by the grant agreement, as the consortium has described and requested it in the proposal and in the related budget.

**Q6. What happens if one of the consortium members goes bankrupt or must be replaced for unexpected reasons which could not be foreseen when the Grant Agreement was signed?**

A6. The participation of one or more beneficiaries may be terminated by the coordinator, on request of the beneficiary concerned or on behalf of the other beneficiaries. This has to be done through an amendment to a Grant Agreement. An amendment to a Grant Agreement is a legal act modifying the commitments initially accepted by the parties and which may create new rights or impose new obligations on them, or modifying significant parts of the MGA. It allows the parties to modify the MGA during its lifetime. The amendment can focus on i.e. termination/addition of a beneficiary, modification of the budget, modification of duration, etc.

**Q.7 Is there a criterion on having a large number of Member States as participants?**

A.7 Each call for proposal foresees only the minimum number of legal entities that have to participate in the proposal as condition of eligibility. The award criteria are then detailed in Annex F of the call for proposal.

**Q8. Will the slides be available after the event?**

A7. Yes, the slides presented during the Info Day are available at the following link: <https://www.eda.europa.eu/what-we-do/activities/activities-search/preparatory-action-for-defence-research>

**Q9. When the Guide for Applicants and the Model Grant Agreement will be available?**

A9. The Guide for Applicants is available on the Participant Portal. The Model Grant Agreement will be available as soon as all internal legal checks are finalised. It will be available at the following link:

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/pppa/topics/padr-us-01-2017.html>

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/pppa/topics/padr-fpps-01-2017.html>

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/pppa/topics/padr-stf-01-2017.html>

**Q10. Could you please provide definitions for both direct costs and indirect costs? Are sub-contractors also subject to the same budgetary stipulations? Specifically, would 100% of sub-contractors' direct costs and 25% of indirect costs be recoverable?**

A.10 Direct costs are directly linked to the implementation of the action and can be therefore attributed to it directly (i.e. direct personnel costs, direct costs of subcontracting, etc.). Indirect costs are costs that are not directly linked to the action implementation and therefore cannot be attributed directly to it. Indirect costs are eligible if they are declared on the basis of the flat-rate of 25% of the eligible direct costs, from which are excluded the costs of subcontracting. In order to have a detailed information on the direct/indirect and eligible/ineligible costs, please refer to the Grant Agreement.

**Q11. Is an on-line tool for partner search activated somewhere?**

A11. At this moment, there are no partner search facilities or tools available for the PADR.

### ***Eligibility for participation and funding:***

**Q12. What are the consequences for UK companies involved in the projects when the UK leaves the EU?**

A12. "In general Annex A, it is stated that if, due to a change of circumstances, a beneficiary of a grant agreement does not comply with the eligibility/participation criteria, the grant agreement with regard to this beneficiary shall be terminated".

**Q13. Are entities from Israel eligible?**

A13. Annex A states that the legal entities eligible to receive funding through PADR grants are those established in the following countries and territories:

- The Member States of the European Union, including their overseas departments;
- The overseas countries and territories linked to the Member States (the complete list is mentioned in annex A);
- Norway (subject to amendment of protocol 31 to the EEA Agreement).

The legal entities have to be established in the above mentioned countries for the whole duration of the grant agreement.

Therefore, Israel is not an eligible country.

**Q14. Are the overseas or offshore offices of entities established in Europe eligible ?**

A14. The list of eligible countries and entities is stated in Annex A. The Annex A also includes a complete list of overseas departments like countries and territories linked to the Member States.

The Annex C, Standard eligibility conditions, states that *“All the infrastructure, facilities, assets and resources used by the applicants, including subcontractors and other third parties, in actions funded under the Preparatory Action on Defence Research should not be located on the territory of non-Member States or non-associated countries. The use of such infrastructure, facilities, assets and resources shall not be subject to control or restriction by third countries”*.

It is also mandatory that all relevant elements and infrastructure to be used in the action are clearly identify before the grant agreement is signed.

**Q15. Can MoDs, procurement agencies, the armed forces participate in the consortia?**

A15. Yes

**Evaluation**

**Q16. When the priority order for proposals with the same score is established during the evaluation, is the EU budget allocated to SME or the number of SMEs taken into account**

A16. Priority order for proposals are established following a method described in annex F. The third element of the method is a prioritisation according to the size of the EU budget allocated to SMEs.

**Q17. Will the experts for the evaluation get an expert briefing before the assessments?**

A17. Yes, experts will get a briefing on the evaluation procedure by EDA.

**Q18. Is the degree of involvement of partners among the evaluation criteria?**

A18. Yes, the award criteria among the others include also *“Complementarity of the applicants and extent to which the consortium as whole brings together the necessary expertise”* (please refer to page 35 of the Preparatory Action on Defence Research 2017 Calls for Proposals and General Annexes). Also the appropriateness of the allocation of tasks, the effective involvement of all the applicants and the adequacy of their role and resources in the project will be taken into account.

**Q19. How will the operational capacity of SMEs and start-ups be evaluated?**

A19. In such a case, Annex B, point 3, of the call for proposal states that supporting documents (such as curriculum vitae, list of relevant publications or previous projects, etc..) will be required to determine the operational capacity for grant proposals.

Annex F of the call for proposal states that, as a distinct operation, carried out during the evaluation of the award criterion “Quality and efficiency of the implementation”, the evaluators will indicate whether the applicants have sufficient operational capacity to carry out the proposed work, based on the competence and experience of the individual applicant(s).

### ***Classified information***

#### **Q20. Are Facility Security Clearances required for universities that are part of a consortium?**

A20. Each consortium member (including higher and secondary educational establishments) is required to have a Facility Security Clearance if in the project implementation it has to manage classified information.

#### **Q21. What criteria apply to give a classification to a project and what impact does that have for the later use of the results?**

A21. The security classification per topic and per project will be determined in advance in the annual work programmes. Also proposals submitted will be scrutinised with a view of identifying the expected security classification level and proper protection of grant deliverables. Such security scrutiny will be conducted only on proposals which after the evaluation procedure may be eligible for funding. Additional or different security protection may require security scrutiny also for all the projects' results after the completion of the projects' implementation. More detailed information will be included in the Preparatory Action on Defence Research Guide for Applicants which will be soon published.

#### **Q22. Are the NATO standards or the EU standards for the security classification of the projects?**

A22. Only the EU standard for classified information will apply. Please refer to Commission Decision (EU, Euratom) 2015/444 of 13 March 2015 on the security rules for protecting EU classified information.

#### **Q23. Can academic and research organisations be part of a consortium and just deal with non-classified information?**

A23. Yes

### ***Ethics review***

#### **Q24. What are the ethical, moral and legal standards of the ethics review?**

A24. This type of review will verify the respect of legislation and the compliance with provisions of international law binding upon the Union and the societal impact of the proposed action.

## ***Exploitation and Dissemination***

### **Q25. What is meaning of background?**

A25. Background means any data, know-how or information – whatever its form or nature (tangible or intangible) including any rights such as intellectual property rights – that:

- a) is held by participants prior to their accession to the action;
- b) needed for carrying out the action or for exploiting the results of the action;
- c) identified by the participants in accordance with the terms and conditions laid down in the Agreement.

### **Q26. Can an existing patent owned by an organisation or an application for a patent in a national country be used in a proposal?**

A26. As stated in *Annex I* to the call, *Exploitation and dissemination of results*, “Beneficiaries in the same action need to inform each other and the EDA before their accession to the grant agreement of any legal restriction or limit to granting access to their background. Any agreement concluded thereafter by a beneficiary regarding background should ensure that any access rights may be exercised”

### **Q27. Do the open access rules of Horizon 2020 apply to the PADR?**

A27. No