CALL FOR PROPOSAL

GSA/GRANT/07/2017

Aviation DFMC SBAS Receiver Prototype – Corrigendum on the structure of the consortium

The present call for proposals is composed of a set of Submission Documents, which form an integral part of this call:

A1-A6 Forms
B1-B2 Forms
C1 Forms (model estimated budget and model financial statement)

The terms set out in the call for proposals document shall take precedence over those in the other parts of the Submission Documents
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1. CONTEXT

1.1. Introduction

The European Geostationary Navigation Overlay Service (EGNOS) provides an augmentation signal to the Global Positioning System (GPS) Standard Positioning Service. Presently EGNOS provides correction data and integrity information using the GPS L1 (1575.42 MHz) frequency band.

The next generation of EGNOS (EGNOS v3) will continue to offer this legacy service and will offer 2 (two) additional features: it will augment the Galileo positioning service (i.e. Dual Constellation capability with GPS and Galileo) and will provide correction data and integrity information with a second signal in the GPS L5 and Galileo E5a frequency band (i.e. Dual Frequency capability in the L1/E1 and L5/E5a frequency bands). These features will increase the robustness of the service and improve the performance provided to users for navigation services, notably in terms of positioning accuracy.

Currently the Safety of Life service (SoL), which is provided free of user charges, is used for aviation safety. The EGNOS SoL service was declared operational on 2 March 2011 and several manufacturers have developed user terminals compatible with the applicable standards.

For EGNOSv3, a new generation of user terminal needs to be developed in conformity with the new standards for Dual Frequency Multi-Constellation (DFMC). The SoL service based on GPS & Galileo in the L1/E1 and L5/E5a frequency bands is foreseen to become operational around 2024. Before that date the new generation of user terminals needs to have been industrialised, so that aviation users can equip with new receivers.

1.2. Background of the call

The European GNSS Agency (hereinafter ‘GSA’ or ‘the Agency’) is the Agency formed by the European Union to accomplish specific tasks related to the European GNSS programmes. The GSA, according to the existing regulations, is in charge of the accreditation of the European GNSS systems, of the operations of the GSMC (Galileo Security Monitoring Centre), of the contribution to the promotion and marketing of the European GNSS services, and of other tasks entrusted by delegation agreements from the European Commission, as for example exploitation of the systems, support to Public Regulated Service User segment, etc.

Further information can be found on the GSA’s website: http://www.gsa.europa.eu/

This call is based on the Delegation Agreement concluded between the GSA and the Commission on 16/04/2014. Under it the European GNSS Agency (GSA) is entrusted with the management of operational activities relating to the exploitation of the EGNOS Programme.

In this framework, and in accordance with the EGNOS Grants Plan for 2017 published on the GSA website (http://www.gsa.europa.eu/gsa/grants), the GSA is launching a call for proposals “Aviation DFMC SBAS Receiver Prototype”.

2. PURPOSE OF THE CALL AND SCOPE OF THE ACTIVITIES

2.1. Purpose of the call for proposals

The purpose of this call is to award a single grant to fulfil the following twofold objective:
1) To design, develop and test in flight a DFMC Satellite Based Augmentation System (SBAS) user terminal for the aviation SoL service, augmenting GPS and Galileo core constellations;

2) To implement and validate the completeness of the DFMC SBAS receiver standards developed in EUROCAE (Minimum Operational Performance Standard (MOPS)) and ICAO (Standard and Recommended Practices (SARPs))

The outcome of the activity shall be one DFMC SBAS prototype including both a receiver and an aircraft antenna and documented results of the tests performed. This prototype shall ensure the dual-sourcing of DFMC SBAS prototypes, in addition to the one to be created under the existing contract GSA/NP/04/15 and reduce the risk of divergence between Eurocae and RTCA MOPS.

The purpose of this call for Grant is to design, develop and test an aviation DFMC SBAS prototype receiver that will enable industrialisation of the prototype and certification of the receiver in the shortest possible time after completion of the Grant (industrialisation and certification are activities out of scope of the grant). The objective for the GSA is to enable aviation end users to benefit as soon as possible from DFMC capabilities that EGNOS v3 will provide. EGNOS v3 operational target date is foreseen around 2022.

The developed receiver, besides the DFMC SBAS functions (for GPS and Galileo), shall also include Horizontal-ARAIM (Advanced Receiver Autonomous Integrity Monitoring) and RAIM (Receiver Autonomous Integrity Monitoring) function.

Furthermore, a Vertical-ARAIM function shall be taken into account for the purpose of dimensioning the computational capabilities in the design and development of the prototype receiver. The implementation of Horizontal-ARAIM, and the assumptions for the Vertical-ARAIM, shall be based on the current state of standardisation of this feature at the beginning of the activity and updated with its on-going refinement.

Prototyping and validation activities required before production of a commercial product rely upon the availability of standardisation documents, notably the SBAS SARPs to be issued by ICAO and the Minimum Operational Performance Specifications ('MOPS') to be developed and issued by EUROCAE/RTCA;

Therefore, the grant objective is to enable the development of a prototype at a sufficient level of maturity to, as a minimum, carry out flight tests in a representative environment (Technology Readiness Level 7).

Applicants are consequently requested to explicitly provide their assessment of the TRL level achieved by the prototype developed, including the impacts on the project planning of the above listed dependencies and any others the applicant may identify in its proposal. Applicants are requested to explicitly detail mitigations measures they foresee in order to achieve the TRL7 as a minimum.

The prototype shall consist of:

- The receiver:
  - able to process GPS, Galileo and future EGNOS signals in the L1/E1 and L5/E5a frequency bands and able to interface with aircraft avionics;
  - also be able to process ARAIM messages (such as the Integrity Support Message) and to compute Horizontal ARAIM, as well as currently defined RAIM solutions

- The aircraft antenna able to receive the L1/E1 and L5/E5a frequency bands.

Prototyping of the user terminal is interdependent with standardisation activities of DFMC receivers at the level of EUROCAE and RTCA. In this perspective, the manufacturer of the user terminal prototype will be
required to participate to the development of standards with the relevant standardisation bodies. This includes supporting the validation of the MOPS within EUROCAE WG-62 and RTCA SC 159, aiming at the release of the EUROCAE Receiver using Dual Frequency GPS/GALILEO, with multi constellation SBASMOPS by 2020.

2.2. Core activities

In order to reach the objectives of this call, the beneficiary is expected to conduct the activities described below:

a. Develop a receiver as a minimum with the maturity level required for flight tests (i.e. TRL 7) via the following activities:
   i. DFMC SBAS Receiver definition:
      1. Architecture trade-offs
      2. Architecture definition
   ii. DFMC SBAS Receiver development
      1. Testing tools definition
      2. DFMC SBAS Receiver Software development
      3. DFMC SBAS Receiver integration and test

b. Implement and validate the completeness of the DFMC SBAS receiver standards developed in EUROCAE (Minimum Operational Performance Standard – ‘MOPS’) and ICAO (Standard and Recommended Practices – ‘SARPS’)

The core activities can be grouped into two main phases with specific objectives:

Phase 1: the objective of the first phase of the grant is the delivery of a flexible engineering prototype of the Dual Frequency GPS+Galileo SBAS receiver, to implement the features of the DFMC SBAS Interface Control Document (ICD) as well as H-ARAIM and to flexibly support investigations on relevant issues of the DFMC MOPS while the initial EUROCAE MOPS are being produced (target date for EUROCAE Initial MOPS: end 2018).

The design of the engineering prototype shall already take into account that the commercial product shall be developed at a Design Assurance Level and a Software Assurance Level sufficient to ensure safety certification. It is the responsibility of the beneficiary to perform the safety assessment and to propose the adequate DAL and SWAL levels for the different components/functions of the receiver and to identify all the necessary activities and relevant associated documentation to be produced. This information shall be provided in their proposal.

The platform used shall take into account the use of commercial Hardware or an already available Hardware platform in order to ensure the requested above mentioned flexibility;

Phase 2: the objective of the second phase is the delivery of the prototype receiver at TRL7 as a minimum and delivery of test results required for the finalisation of the MOPS. Phase 2 shall not be started by the beneficiary before the release of the initial DFMC SBAS MOPS by EUROCAE. During the Phase 2, the antenna, compatible with the DFMC SBAS antenna MOPS, shall be either procured or developed, and a Hardware (HW)+Software (SW) version of the entire terminal (receiver plus antenna) shall be produced at the level required for flight tests.

The receiver shall be verified within a representative simulated environment then validation activities and environment characterisation tests shall be conducted through flight trials. Since MOPS will be finalised during the Phase 2, MOPS updates shall be taken into account in the development of the receiver. The same approach shall apply to the Applicable Documents subject to update during the course of the project.
(especially ICAO SARPs). The Grant beneficiary is expected to actively contribute to validating MOPS and other Applicable Documents with data obtained from the tests conducted.

The timeline of the DFMC SBAS Receiver grant is represented below:

Figure 1 - Indicative Timeline of the Grant Phases

The duration of each phase is given as an estimate subject to external dependencies taking into account that Phase 2 is started after the release of the initial DFMC SBAS MOPS by EUROCAE. To date, it is anticipated that Phase 1 will last up to 18 months, and Phase 2 should be finished within 48 months after the signature of the grant agreement.

2.2.1. Structure of the activities and work breakdown

The following activities and tasks are expected to be commonly developed through the different phases of the grant:

Task 0 – “Project Management”
This task includes the overall management for the grant agreement for ensuring the work of the tasks are overall aligned, milestones are achieved and reporting and planning is done efficiently and in a timely manner.

Task 1 – “Standardisation and Dissemination”
This task consists in the dissemination of information (notably test results) and standardisation activities carried out by the beneficiary in coordination with the GSA. The beneficiary shall also produce a roadmap describing the timeline proposed for the introduction of the certified product on the market; this roadmap shall be regularly updated during the course of the project. Task 1 shall be carried out throughout the entire duration of the Grant and is concluded with the “Final Review” (FR).

The following activities and tasks are expected to be foreseen specifically for each phase:

Main Tasks of Phase 1:

The Phase 1 is expected to be structured based on the following macro tasks:

Task 2 – “Dual Frequency Multi Constellation SBAS Receiver Definition”
This task should consist in the definition and design of the DFMC SBAS Engineering Prototype Receiver, including technical trades-off for different implementation solution considering, as a minimum, receiver architecture, H-ARAIM implementation, interferences mitigation, Galileo only operational mode, modes switching and functions apportionment between hardware and software.

Task 2 shall be concluded with the “Preliminary Design Review” (PDR).
Task 3 – “Dual Frequency Multi Constellation SBAS Receiver v1 Development”
This task should consist in the development, integration and verification of the DFMC SBAS Engineering Prototype v1 Receiver. This prototype shall enable potential integration (interface specification to be provided by the GSA at the beginning of the grant implementation) with institutional third parties tools/means developed in the frame of EGNOS v3 development to support both ICAO SARPs and EUROCAE/RTCA MOPS validation. The beneficiary shall explain which testing tools (including their qualification level) will be used to perform the activity and which level of maturity is intended to be reached by the end of Phase 1.

Task 3 should be concluded with the delivery of the engineering prototype and the test results: the “Acceptance Review” (AR) completes the tasks of Phase 1.

Main Tasks of Phase 2:
Task 4 – “Dual Frequency Multi Constellation SBAS Receiver v2 Development”
This task should consist in the development, integration and verification of the DFMC SBAS Prototype Receiver v2, including flight tests. An initial delta design activity is foreseen in order to align the architecture and the testing tools defined in Phase 1 with the draft MOPS input provided as pre-requisite to start Phase 2. Task 4 shall not start before EUROCAE has issued the MOPS. At the start of Phase 2, the beneficiary shall prepare a Document (i.e. the "Initial DFMC SBAS MOPS Analysis Report") to critically review the MOPS analysing the open issues subject to an eventual trade-off and to provide the approach and the plan on how to address the analysed open issues at the beginning of Phase 2 (i.e. within the initial Delta Design).

The launch of the Phase 2 by the beneficiary shall be subject to the availability of the Eurocae DFMC SBAS Initial MOPS, as well as the availability of any other applicable documents identified by the beneficiary as required to perform Phase 2.

Task 4 should be concluded with the “Test Readiness Review” (‘TRR’).

Task 5 – “Trials”
This task should consist in the definition of an experimentation plan and in the execution of the relevant test campaign in a representative environment, including flight tests. The test data in an operational environment will support both EUROCAE/RTCA MOPS and ICAO SARPs.

Task 5 should be concluded with the delivery of the final prototype and the test results at the “Final Review” (‘FR’) that completes Phase 2.

2.2.2. Project workflow
Terminology used for the tasks described above (PDR, AR, ...) is used for reference:, the beneficiary is expected to define the milestones and will keep control of the development of the work.

The applicants shall follow an avionics system engineering lifecycle and describe in their proposal any intermediate additional reviews they deem necessary for each task. The applicants shall include the elements below in the project workflow to be submitted in their proposal; which will then be considered final during the kick-off .

(1) Work plan (deliverable (1)), as described in Section 3 of the B1 form.
(2) Submission of a requirements document (deliverable (2)), detailing the DFMC SBAS prototype system and operational requirements which are the input to the design activity for the prototype’s receiver.

(3) Performance of the core design activity containing at least the following reviews:

   a. **Preliminary Design Review (PDR)** to present to the GSA the inputs to be considered suitable for the detailed design process. Presentation shall highlight in particular the prototypes’ requirements and the preliminary design architecture, the potential risk items and their mitigation plans;

   b. Conclusion of the design process by a **Critical Design Review (CDR)** to present to the GSA the system detailed design and architecture, in particular how the requirements are suitable for the implementation phase, as well as any open action resulting from the PDR stage;

(4) Development and test of the receiver’s prototypes.

(5) Consolidation and approval of the performance validation plan

(6) Assessment of the receiver performance for Safety of Life operations, covering SBAS and H-ARAIM augmentation modes:

   a. Receiver’s performance validation in a simulated environment, whose evidences shall be assessed in a **Test Readiness Review (TRR)** where the GSA shall be invited to participate; aiming at the preliminary in-lab validation the signal processing algorithm;

   b. Receiver’s performance validation under real conditions and using real GNSS signals, whose evidences shall be assessed in a **Final Review (FR)** where the GSA shall be invited to participate: exploration of the achieved performance under real scenarios, to demonstrate that the DFMC SBAS receiver meets the target Safety of Life requirements for each pre-selected operation;

(8) Support to the DFMC SBAS standardisation process by providing data (especially test results) to relevant Standardisation bodies (especially RTCA and EUROCAE).

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**Figure 2 - Overview of the project**
2.3. Applicable and reference documentation

In this section, all applicable documents and reference documents are reported. The beneficiary shall take into account the update of the applicable documents during the course of the grant and inject the modifications into the activities.

Applicants in their proposals shall identify all other applicable standards and documents and submit adjustments during the proposal for tailoring the applicable standards that lead to the development of a certifiable product.

NOTE: The mode of access of the documents is stated in the following tables.

2.3.1. Applicable documents

The applicable documents are split into 2 (two) categories:
1. The documents that will not be updated during the grant agreement, and
2. The document that will be updated during the grant agreement.

Applicable documents not updated during the term of the grant agreement:

<table>
<thead>
<tr>
<th>#</th>
<th>Document</th>
<th>Version</th>
<th>Owner</th>
<th>Mode of access</th>
</tr>
</thead>
<tbody>
<tr>
<td>AD.2</td>
<td>GPS Interface Specifications</td>
<td>IS-GPS-200H, March 2014</td>
<td>US DoD</td>
<td>Available for free on GPS website</td>
</tr>
</tbody>
</table>

Applicable documents updated during the term of the grant agreement:
<table>
<thead>
<tr>
<th>#</th>
<th>Document</th>
<th>Version</th>
<th>Owner</th>
<th>Mode of access</th>
</tr>
</thead>
<tbody>
<tr>
<td>AD.11</td>
<td>GPS Interface Specifications</td>
<td>IS-GPS-705D, September 2013</td>
<td>Us DoD</td>
<td>Available for free on GPS website</td>
</tr>
<tr>
<td>AD.12</td>
<td>SBAS L5 ICD</td>
<td>V1.3</td>
<td>IWG</td>
<td>Provided by GSA</td>
</tr>
<tr>
<td>AD.14</td>
<td>Environment in the L1/E1 bands</td>
<td>DO-235 Draft</td>
<td>RTCA</td>
<td>Available for purchase at <a href="http://www.rtca.org">www.rtca.org</a></td>
</tr>
<tr>
<td>AD.15</td>
<td>Minimum Operational Performance Standards for airborne Galileo/GPS/SBAS satellite receiving equipment</td>
<td>Initial Draft (v2.0) of Dec 2010</td>
<td>EUROCAE</td>
<td>The document will be updated by RTCA and EUROCAE WGs</td>
</tr>
<tr>
<td>AD.16</td>
<td>Interpretation of guidance material for Cat-I operations with relaxed Alarm limit</td>
<td>ICAO Navigation System WGW/WP19 May 2012</td>
<td>ICAO</td>
<td>Provided by GSA</td>
</tr>
<tr>
<td>AD.17</td>
<td>Interface specification with institutional third parties tools/means developed in the frame of EGNOS v3 development</td>
<td>-</td>
<td>ESA</td>
<td>May be provided by GSA (during Phase 1) only under specific circumstances– not know at this time</td>
</tr>
</tbody>
</table>
2.3.2. Reference documents

<table>
<thead>
<tr>
<th>#</th>
<th>Document</th>
<th>Version</th>
<th>Owner</th>
<th>Mode of access</th>
</tr>
</thead>
<tbody>
<tr>
<td>RD.1</td>
<td>Next Generation ConOps</td>
<td>NSP/3-Flimsy 30 Rev 2, 9 December 2016</td>
<td>ICAO</td>
<td>Available at <a href="http://www.icao.int">www.icao.int</a></td>
</tr>
<tr>
<td>RD.2</td>
<td>MOPS for Dual Frequency GNSS Antenna for Aviation</td>
<td>Draft 2, Version 1, 28 June 2013</td>
<td>RTCA</td>
<td>Available for purchase at <a href="http://www.rtca.org">www.rtca.org</a></td>
</tr>
<tr>
<td>RD.6</td>
<td>GPS-Galileo Working Group C ARAIM Operational concept</td>
<td>-</td>
<td>EU-US WG-C</td>
<td>-</td>
</tr>
</tbody>
</table>

2.4. Deliverables

The applicants are expected to submit during the implementation of the action some deliverables. The proposal (in the B1 Form) should define their nature and format (document, prototype, multimedia, etc.).

The deliverables shall include at least the following:

1. Work plan (including project workflow)
2. System and operational requirements document
3. Preliminary technical architecture and requirements of the engineering prototype receiver
4. Detailed architecture of the DFMC SBAS Receiver as well as associated detailed technical HW, SW and operational requirements
5. Initial DFMC SBAS MOPS Analysis Report
6. Safety assessment document
7. Test plan, cases and procedures (for both the receiver models)
8. Test reports (for both the receiver models)
9. User Manual (for both the receiver models)
10. Dissemination plan
11. Dissemination documents and multi-media
12. Roadmap for product development up to certification
14. Receiver v1
15. Receiver v2
These deliverables are to be provided (and updated when marked with a *) in conjunction with the project reviews defined in Figure 2 according to the following schedule:

<table>
<thead>
<tr>
<th>Project reviews</th>
<th>Expected interim technical reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kick-off meeting (KOM)</td>
<td>(1), (10), (12), (13)</td>
</tr>
<tr>
<td>Preliminary Design Review (PDR)</td>
<td>(2), (3), (7), (13)</td>
</tr>
<tr>
<td>Acceptance Review (AR)</td>
<td>(2)<em>, (4), (5), (6), (8), (9), (10), (11), (12)</em>, (13), (14)</td>
</tr>
<tr>
<td>Critical Design Review (CDR)</td>
<td>(2)<em>, (4)</em>, (6)<em>, (7)</em>, (13)</td>
</tr>
<tr>
<td>Test Readiness review (TRR)</td>
<td>(2)<em>, (4)</em>, (8)<em>, (9)</em>, (13)</td>
</tr>
<tr>
<td>Final review (FR)</td>
<td>(2)<em>, (4)</em>, (11), (12)*, (13), (15)</td>
</tr>
</tbody>
</table>

GSA reserves the right to timely inform (e.g. at the Kick-Off meeting) the beneficiary about the place of delivery of deliverables (14) and (15) (either the GSA or other EU institutions).

The draft grant agreement is specifying the conditions of the ownership and right to use policy of the above deliverables.

2.5. Outputs expected from the implementation of activities

The proposals shall aim to achieve the objectives of the action. All the deliverables (as listed in section 2.4), will be used by EU and GSA in accordance with Article II.9 of the Grant Agreement.

3. TIMETABLE

Scheduled start-up date for the action: **February 2018**, unless the applicants can demonstrate the need to start the action before the agreement is signed.

Maximum duration of the action: **4 (four) years**

This call for proposals shall be conducted according to the following indicative timetable:

<table>
<thead>
<tr>
<th>Stages</th>
<th>Date/time or indicative period</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Publication of the call</td>
<td>19 July 2017</td>
</tr>
<tr>
<td>b) Deadline for request for clarifications</td>
<td>18 August 2017</td>
</tr>
<tr>
<td>c) Publication of the clarifications</td>
<td>8 September 2017</td>
</tr>
<tr>
<td>d) Deadline for submitting applications</td>
<td>2 October 2017</td>
</tr>
<tr>
<td>e) Evaluation period</td>
<td>October to December 2017</td>
</tr>
<tr>
<td>f) Information to applicants on the outcome of the</td>
<td>January 2018</td>
</tr>
<tr>
<td>evaluation</td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td></td>
</tr>
<tr>
<td><strong>g)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Signature of the Grant Agreement</strong></td>
<td><strong>End of January 2018</strong></td>
</tr>
</tbody>
</table>
4. EU FINANCING

| Maximum budget allocated for EU financing under this action: EUR 5,000,000 |
| Maximum number of projects: 1 |
| Maximum EU financing rate of eligible costs: 60% |

Publication of the call does not guarantee the availability of funds for the above action and it places no obligation on the GSA to award grants to any applicant.

GSA reserves the right to award a grant of less than the amount requested by the applicant. In such a case, the applicant(s) will be asked either to increase his co-financing, propose other co-financing means or to decrease the total costs without altering the substance of the proposal. Grants will not be awarded for more than the amount requested.

5. ROLES AND TASKS WITHIN THE CONSORTIUM

5.1. Entities involved in the activities subject to the proposal

The proposal shall clearly identify the entities (legal and/or natural persons) to be involved in the activities subject to the proposal, being the applicant(s) (including coordinator and co-applicants) as well as any third parties, such as affiliated entities and subcontractors and their contributions to the implementation of the proposal under the grant agreement. Parties’ participation in the project will be subject to the requirements as laid down in this Call for Proposals.

5.2. Single Applicant

In case the proposal is submitted by a single applicant, it will be considered as mono-beneficiary if the proposal is successful.

5.3. Coordinator

If the proposal is submitted by a group of several co-applicants these co-applicants will form a consortium and will become consortium members. The consortium members (multi-beneficiaries) should choose within their midst a lead organisation, referred to as the “Coordinator”.

The coordinator submits the application on behalf of the consortium and will be the intermediary for all communication between the co-beneficiaries and the GSA as well as responsible for supplying all documents and information to the GSA in due time upon request. Coordinator will also be responsible for distribution of payments received from GSA to the co-beneficiaries.
5.4. Co-applicant(s)

Each co-applicant will be considered as co-beneficiary if the proposal is successful. Before signature of the grant agreement all applicants within the consortium shall agree upon appropriate arrangements between themselves for the proper performance of the specific actions. In particular by submitting their joint proposal, they shall accept joint and several financial responsibility of the debt of a defaulting beneficiary up to the value of the contribution that the beneficiary held liable is entitled to receive, as stipulated in the General Conditions of the draft grant agreement.

Co-applicants shall immediately inform the coordinator of any event liable to substantially affect or delay the implementation of the action, who will communicate with the GSA subject to grant agreement as well as clauses ensuring compliance with the requirements on ownership and usage rights of results and any pre-existing rights towards the GSA and the European Union as specified in the draft grant agreement.

When a grant is awarded, the co-beneficiaries forward to the coordinator in a timely manner all the data needed to draw up the reports, the financial statements and other documentation required by the grant agreement.

The coordinator and all co-applicants forming the consortium must satisfy the eligibility criteria.

5.5. Affiliated entities

Legal persons having a legal or capital link with applicant(s), which is neither limited to the action nor established for the sole purpose of its implementation, may take part in the action as affiliated entities, and may declare eligible costs. For that purpose, applicant(s) shall identify such affiliated entities in the application form and in the proposal.

Each affiliated entity shall have to comply with the same eligibility and non-exclusion criteria as those applying to the applicant(s) and submit the same forms, including the forms proving the financial and operational capacity (see section 9.1 and 9.2 below).

Affiliated entities can be:

a) several legal persons forming together one legal person or 'sole beneficiary' which may, or may not, have been specifically established for carrying out the action (e.g. groupings, joint ventures).

b) legal persons having a legal or capital link with a beneficiary or co-beneficiary, which is neither limited to the action nor established for the sole purpose of its implementation (e.g. networks, federations, trade-unions).

5.6. Subcontractors

Sub-contractors are not beneficiaries to the grant, nor affiliated entities.

1 For the sake of clarity, the term “applicant”, referred to in this call, shall encompass single applicants, co-applicants and coordinator as appropriate
Subcontracting refers to contracts concluded for the externalisation of specific tasks or activities which form part of the action.

The beneficiaries remain solely responsible for the implementation of the action. Subcontracting is not allowed among the beneficiaries in the project. Please note that the beneficiaries must have the necessary capacity to perform the project themselves.

Subcontracting of specific tasks or activities (i.e. the externalisation) which form part of the action as described in the proposal must satisfy the conditions applicable to any implementation contract (as specified above) and in addition to them the following conditions:

a. it may only cover the implementation of a limited part of the action and shall in no case cover core activities as described in Sections 2.2;

b. it must be justified having regard to the nature of the action and what is necessary for its implementation;

c. it must be clearly stated in the proposal.

The applicants must have operational capacity to perform the work proposed in their proposal. This operational capacity will be assessed at the time of the evaluation of the proposal (please refer to section 9.2 below).

In exceptional cases, where the implementation of the action or the technical proposal (B1-B2 Forms) can be done more efficiently and effectively through the award of subcontracts (implementation contracts), the beneficiary must award the contract to the bid offering best value for money or the lowest price (as appropriate), avoiding conflicts of interests and retain the relevant documentation for the event of an audit. Entities acting in their capacity of contracting authorities in the meaning of Directive 2004/18/EC or contracting entities in the meaning of Directive 2004/17/EC shall abide by the applicable national public procurement rules.

The costs of subcontracting can be eligible under the conditions indicated in the grant agreement (see also point 2.8 in section 12.2 below). The proposal should clearly specify the activities that will be subcontracted in the description of the action and the corresponding costs must be indicated in the estimated budget. The contract should be awarded in accordance with the conditions set in the grant agreement. Recourse to the award of contracts must be duly justified having regard to the nature of the action and what is necessary for its implementation.

Any justification provided by the beneficiary needs to be pre-endorsed by the GSA and subcontracting shall require GSA’s approval which may be considered granted in cases where the subcontracting is already fully described in the proposal so accepted by the GSA, given that it will then be implemented accordingly and fulfilling the eligibility criteria specified in the signed Grant Agreement.

The tasks concerned must be set out in the description of the action (i.e. form B1 and Annex I to the grant agreement) and the estimated costs of subcontracting must be clearly identifiable in the estimated budget (Form C1). However, approval of subcontracting by GSA (whether at the time of the evaluation of proposal or later during implementation of the action) does not automatically mean that the related costs

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2 Art. 137 FR, 209 RAP
3 Directive 2004/18/EC on the coordination of procedures for the award of public work contracts, public supply contracts and public service contracts.
4 Directive 2004/17/EC coordinating the procurement procedures of entities operating in the water, energy, transport and postal services sectors.
will be considered eligible and reimbursed. The costs will need to comply with the eligibility criteria set up in the grant agreement in order for them to be reimbursed.

Any modifications on an ad hoc basis while the action is under way must be presented for ex-ante approval of the GSA and for major items will require an amendment to the grant agreement otherwise will not be reimbursed.

It is not necessary to have already selected subcontractors at the time the proposal is submitted. However, cost of subcontractors not selected in accordance with the rules referred to in this Section will not be eligible.

6. ADMISSIBILITY REQUIREMENTS

APPLICATIONS MUST COMPLY WITH ALL OF THE ADMISSIBILITY REQUIREMENTS SET OUT IN THIS SECTION.

Applications must comply with the following conditions in order to be admissible:

- Applications must be sent no later than the deadline for submitting applications referred to in section 17,
- Applications must be submitted in writing, using the submission set described in section 16,
- Applications must be drafted in one of the EU official languages with a preference to English. For further information please refer to Section 17 below,
- Applications must respect the maximum rate for EU co-financing,
- Applications must respect the maximum amount for EU co-financing.

In this context, any project directly or indirectly contrary to EU policy or against public health, human rights or against citizen’s security will be rejected.

7. ELIGIBILITY CRITERIA

APPLICATIONS MUST COMPLY WITH ALL OF THE ELIGIBILITY CRITERIA SET OUT IN THIS SECTION.

7.1. Eligible applicants

- Applications by legal persons (consortia or mono-beneficiary) established in and/or natural person(s) being nationals of any of the following countries, are eligible:
  - EU Member States
  - Switzerland, Norway

5 Proposals exceeding the applicable maximum EU co-financing rate and allocated EU budget for this call (see section 4) shall not be considered further and will be rejected.

6 Legal persons are considered to be established in the EU when they are formed in accordance with the law of an EU Member State, Norway or Switzerland, and have their central administration, registered office or principal place of business in an EU Member State, Norway or Switzerland.
b. Corporate bodies must be properly constituted and registered under their applicable law. When an applicant does not have legal personality, a physical person must be designated to provide the legal responsibility;

c. As set under paragraph 2.1, the scope of this call has been the subject matter of a recent procurement GSA/NP/04/15. In order to meet the principle of establishing dual source and avoid double funding, the awarded contractor, its subcontractors (and entities belonging to the contractor’s Group) are not eligible to participate. A declaration of compliance is expected in Form A3 and A4.

The single applicant (see ref. to section 5.2), the coordinator (see ref. to section 5.3) and all co-applicants (see ref. to section 5.4) forming the applicant consortium, as well as the affiliated entities (see ref. to section 5.5) shall satisfy the same eligibility criteria.

Exceptionally, subcontractors are requested to fulfil eligibility criteria 7.1.(d) and provide a declaration in this direction.

7.2. Structure of the consortium (multi-beneficiaries)

The coordinator will submit the proposal on behalf of the consortium. It shall be the intermediary for all communication between the co-applicants and the GSA and responsible for supplying all documents and information to the GSA in due time upon request.

The proposal consequently must be submitted by a consortium composed of at least two (2) entities out of which:

- the coordinator shall be a legal person;
- the co-applicant(s) can be either legal and/or natural person(s).

For the sake of clarity, the term “applicant”, referred to in this call, shall encompass co-applicants and coordinator as appropriate.

All co-applicants in the same consortium shall agree upon appropriate arrangements (internal cooperation agreements) among themselves for the proper performance of the action. In particular, they shall accept joint and several liability of the debt of a defaulting partner up to the value of the contribution that the partner held liable is entitled to receive.

The grant agreement shall be signed by coordinator of the successful consortium; provided that a mandate (Annex IV of the grant agreement) has been provided to it by the other co-applicants. A copy of this mandate shall be provided to the GSA.

Legal persons having a legal or capital link with applicants, which is neither limited to the action nor established for the sole purpose of its implementation, may take part in the action as affiliated entities (see ref. to section 5.5), and may declare eligible costs. For that purpose, applicants shall identify such affiliated entities in the application form.

7.3. Supporting documents proving compliance with the eligibility criteria

The applicant(s) and any affiliated entities shall provide the following supporting documents as further detailed below to establish their eligibility:
All the applicants (including single applicant, coordinator and co-applicants) and any affiliated entities (see ref. to section 5.5) shall provide the following supporting documents to establish their eligibility:

- A duly filled and signed Legal Entity Form (LEF) accompanied by the relevant evidence (see below) of the applicant's legal status has to be provided at the stage of submission. A specific form in all official languages of the EU is available at the following internet page (use of the English forms is preferred):
  
  http://ec.europa.eu/budget/contracts_grants/info_contracts/legal_entities/legal_entities_en.cfm

- A duly signed declaration that the applicant is not receiving any EU financing for the activities similar to those of this call for proposal, in particular through the contract GSA/NP/04/15.

- In addition:
  - private legal person(s) : extract from the official journal, copy of articles of association, extract of trade or association register OR a copy of the certificate of liability to VAT (if, as in certain countries, the trade register number and VAT number are identical, only one of these documents is required);
  - public legal person(s) : a copy of the resolution, law, decree or decision establishing the public company, or as an alternative, any other official document establishing the public legal person by the national authorities may be submitted;
  - natural person(s) : legible photocopy of identity card and/or passport OR an official VAT document (if applicable).

For the Consortium: In addition to the above supporting documents, each applicant shall further submit letters confirming their participation to the project, their role in the consortium (lead applicant/coordinator or co-applicant/co-beneficiary) and the main task to be performed.

- The single applicant and the coordinator\(^7\), who will be receiving payments, shall provide:

  - A duly filled Financial Identification Form (FIF),
    which can be downloaded from the following website:
    http://ec.europa.eu/budget/contracts_grants/info_contracts/financial_id/financial_id_en.cfm

  It must be duly filled in and signed, and if applicable be accompanied by the relevant bank statement.

IMPORTANT NOTE (1): Applicant(s) may participate in multiple applicant consortia, if the actions covered in the respective Technical Proposals (B1 form) are different from each other in order to comply with the principle of non-cumulative financing and award.

\(^7\) The Coordinator (on behalf of the consortium of beneficiaries) shall be responsible for distributing payments to the co-beneficiaries
8. **EXCLUSION CRITERIA**

Article 105a, paragraphs 1 to 4, 6 and 7, except point (b) of the first subparagraph and the second subparagraph of that paragraph, paragraphs 8, 9, 11 and 13 to 17 of Article 106 and Article 108 of Financial Regulations shall apply to grant applicants and beneficiaries. Article 107 shall apply to applicants. Applicants shall declare whether they are in one of the situations referred to in Article 106(1) or Article 107 and, where applicable, whether they have taken remedial measures as referred to in point (a) of Article 106(7).

8.1. **Exclusion from the participation**

Exclusion criteria are specified in the standard Declaration of Honour (A5 Form) of this call.

The same exclusion criteria apply to all affiliated entities (see ref. to section 5.5).

8.2. **Exclusion from award**

Applicants will not be granted EU funds if, in the course of the grant award procedure, they:

- are in an exclusion situations established in the A5 form;
- have misrepresented the information required by the GSA as a condition of participation in the grant award procedure or fail to supply this information upon request by GSA.

The same exclusion criteria apply to affiliated entities.

Administrative and financial penalties may be imposed on applicants that are guilty of misrepresentation.

8.3. **Supporting documents proving compliance with exclusion criteria**

All applicants and any affiliated entities (see ref. to section 5.5) must sign and submit a Declaration of Honour (A5 Form).

Please note that according to this A5 Form, the successful applicants – subject to the outcome of the risk assessment performed by GSA on a case by case basis – may be required to send a number of supporting documents related to aspects of the Declaration of Honour before the respective grant agreement can be signed. Collecting these supporting documents may take some time and applicants shall ensure their timely availability for performing this requirement accordingly. Applicants shall approach the GSA in due time in case they are of the opinion that certain points of the declaration are not applicable to them (e.g. due to their legal structure).

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8. See ref. to Art. 131.3
9. SELECTION CRITERIA

APPLICATIONS MUST COMPLY WITH ALL OF THE SELECTION CRITERIA SET OUT IN THIS SECTION.

9.1. Financial capacity

Applicants must have stable and sufficient sources of funding to maintain their activity throughout the period during which the action is being carried out. The applicants' financial capacity will be assessed on the basis of the following supporting documents to be submitted with the application by each applicant and affiliated entity (thresholds applying by applicants):

a) Total grant amount < EUR 750 000:
   - a declaration on their honour (A5 Form) and,
   - the table provided for in the application form (A6 Form), filled in with the relevant statutory accounting figures, in order to calculate the ratios as detailed in the form. For newly created legal persons, a business plan might replace the above documents.

b) Total grant amount ≥ EUR 750 000, in addition to the above:
   - an audit report produced by an approved external auditor certifying the accounts for the last financial year available.

On the basis of the documents submitted, if GSA considers that financial capacity is not satisfactory and in any other case GSA may deem it appropriate, it may:

- request further information;
- propose a grant agreement without pre-financing;
- propose a grant agreement with a pre-financing paid in instalments;
- propose a grant agreement with a lower percentage of a pre-financing;
- propose a grant agreement with a pre-financing covered by a bank guarantee;
- reject the application.

The verification of the financial capacity shall not apply to public bodies and international organisations.

9.2. Operational capacity (B2 Form)

The applicant(s) shall demonstrate an expertise in areas like development, integration, and manufacturing of GNSS receivers and antennas for aviation and providing expertise in the field of GNSS R&D.

Applicants must show they have the operational (technical and management) capacity to complete the activities to be supported by this Call for Proposal and must demonstrate their capacity to manage the activities corresponding to the size of the project for which the grant is requested.

In particular:

- The team responsible for the activities must have an eminent technical competence on GNSS technology and a high degree of specialisation on aviation and GNSS, specifically EGNOS and Galileo,
- Applicants must have a high degree of specialisation in areas relevant for the activities subject to the proposal with recent examples of design, development, and industrialisation of GNSS Avionics receivers,
- Applicants must demonstrate their experience in standardisation processes especially EUROCAE and RTCA,
- Applicants must prove that they are able to assess core technologies supporting the DFMC SBAS receivers and are also able to design, develop and integrate such innovative technology solutions.

In this respect, applicants have to submit in addition to the Declaration of Honour (A5 Form), the following elements:
- description of the profile of the individuals\(^9\) primarily responsible for managing and implementing the activities;
- a description of the technical equipment, tools or facilities at the disposal of the applicant;
- description of the role of each applicant (coordinator, co-applicants and affiliated entities) in the organisational structure in general and regarding the performance of activities subject to grant agreement.

In the case of affiliated entities (see ref. to section 5.5) taking part in the project, the above requirements apply to each affiliated entity.

\(^9\) To highlight the relevant competencies for this Call for Proposal please use the Europass CV template which can be accessed from: https://europass.cedefop.europa.eu/de/documents/curriculum-vitae/templates-instructions
10. **AWARD CRITERIA**

Eligible applications will be assessed on the basis of the following criteria. When assessing the below award criteria, the evaluation committee shall use the elements indicated below for each criterion.

<table>
<thead>
<tr>
<th>Award Criteria and Key Elements Likely To Be Assessed By The Evaluation Committee</th>
<th>Max. Score</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1. Level of relevance of the proposal to achieve the call’s objectives and credibility of the proposed approach to reach the objectives:</strong></td>
<td>35</td>
</tr>
<tr>
<td>Overall quality of methodology for capabilities definition, implementation, integration and testing of the developed products</td>
<td></td>
</tr>
<tr>
<td>Demonstration of good understanding of the specific framework and environment under which the activities are to be conducted</td>
<td></td>
</tr>
<tr>
<td>Adequacy of the approach to incorporate standardisation requirements evolutions throughout the project</td>
<td></td>
</tr>
<tr>
<td>Adequacy of the roadmap proposed for the introduction of the certified product on the market</td>
<td></td>
</tr>
<tr>
<td><strong>2. Quality and relevance of proposed technical solutions, in particular:</strong></td>
<td>35</td>
</tr>
<tr>
<td>Technology Readiness Level of the prototype</td>
<td></td>
</tr>
<tr>
<td>Credibility of the design and development plan</td>
<td></td>
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<tr>
<td>Adequacy of the verification and validation approach, including test tools</td>
<td></td>
</tr>
<tr>
<td>Identification of open issues and definition of contingency measures in particular to counter interdependencies</td>
<td></td>
</tr>
<tr>
<td><strong>3. Impact in terms of economic and public benefits derived from the proposal:</strong></td>
<td>30</td>
</tr>
<tr>
<td>Maximum total score</td>
<td>100</td>
</tr>
</tbody>
</table>

If a total score lower than 55 points or a score lower than 50% for any of the above three criteria is obtained, the proposal will not be evaluated further and will be rejected.
11. LEGAL COMMITMENTS

Applicants are reminded:

The successful applicant(s) shall be bound by the Special and General Conditions of the draft grant agreement. Submission of a grant application (proposal) implies the acceptance of these Special and the General Conditions. This also includes the obligation of the provision of accurate, sincere and complete information within the context of this grant procedure including but not limited to filling out the provided forms with true, correct and complete data representing the real status of the applicant(s).

In the event of a grant awarded by the GSA following this call, a grant agreement drawn up in Euro and detailing the conditions and level of funding, will be sent to the mono-beneficiary or to the coordinator of the consortium, alongside a description of the procedure in view to formalise the obligations of the parties.

- The mono-beneficiary shall sign two (2) copies of the original grant agreement and shall then return it to the GSA for countersignature.
- The coordinator, representing the awarded consortium, on the basis of duly provided powers of attorney (Mandate – Annex IV of the grant agreement) shall sign 2 (two) copies of the original agreement and shall then return it to the GSA for countersignature.

In case the GSA requests the below documents to be made available and if these are not submitted within the relevant deadlines, the GSA reserves the right to cancel the award and/or the grant agreement signature process and re-allocate the budget. These documents being:

1. Submission of all supporting documents pertaining to the Declaration of Honour (A5 form) for each affected applicant (and affiliated entity if case may be) in due time upon request by GSA after the receipt of such request;

2. Submission of the signed grant agreement by the mono-beneficiary or by the coordinator at latest 1 (one) month after the receipt of the grant agreement for the signature process.

Applicants are reminded to start immediately the collection of the supporting documents for the relevant points in the Declaration of Honour upon GSA’s request, bearing in mind that particularly for large consortia, the collection of documents may be very time consuming.

10 Art. 121 FR, 174 RAP
11 Please refer to section 8.3
12 For the coordination an authorisation (i.e.: Mandate - Annex IV of the Grant Agreement) from each co-applicant is necessary before signing the grant agreement.
12. FINANCIAL PROVISIONS

When preparing their proposal, applicants shall observe the elements described in the following sub-sections for calculating the required budget for the implementation of their project.

12.1. General principles

Non-cumulative award

Each action may give rise to the award of only one grant from the budget to any one consortium.

In no circumstances shall the same costs be financed twice by the European Union budget.

Applicants have to inform the GSA immediately of any multiple applications and multiple grants relating to the same action. The applicants shall inform about sources and amounts of EU funding received or applied for the same action or for part of the action. Applicants shall indicate if they receive EU funding for their functioning during the financial year in which the action takes place.

Applicants are reminded in particular that the reception of any EU funding for activities of the same nature as those of this call for proposal, such as contract GSA/NP/04/15, shall lead to their exclusion of this call for proposal.

Non-retroactivity

No grant may be awarded retrospectively for actions already completed.

A grant may be awarded for an action which has already begun, provided the applicant can demonstrate the need to start the action before the grant agreement is signed. In such cases, costs eligible for financing may not have been incurred prior to the date of submission of the grant application.

Co-financing

Grants shall involve co-financing, which implies that the resources necessary to carry out the action shall not be provided entirely by EU contribution. EU financing may not cover 100% of the total costs of the action.

Co-financing of the action may take the form of:

– the awarded beneficiary’s own resources,

– income generated by the action,

– financial contributions from third parties.

– Co-financing may also take the form of in-kind contributions from third parties, i.e. non-financial resources made available free of charge by third parties to the awarded consortium. The corresponding costs are not eligible.

No-profit rule

EU grant may not have the purpose or effect of producing a profit within the framework of the action.
For this purpose, **profit is defined as a surplus of the receipts over the eligible costs incurred by the beneficiary**, when the request is made for payment of the balance. Where such a surplus occurs, the GSA is entitled to recover the percentage of the profit corresponding to the EU contribution to the eligible costs actually incurred by the beneficiary to carry out the action.

**Balanced budget**

The estimated budget of the action is to be attached in excel format to the application form following the model provided in the Form C1.

It must have revenue and expenditure in balance. The amounts must be expressed in **Euro** with maximum two decimals.


If no daily euro exchange rate is published in the **Official Journal of the European Union** for the currency in question, conversion must be made at the average of the monthly accounting rates established by the Commission and published on its website determined over the corresponding reporting period. [http://ec.europa.eu/budget/contracts_grants/info_contracts/inforeuro/inforeuro_en.cfm](http://ec.europa.eu/budget/contracts_grants/info_contracts/inforeuro/inforeuro_en.cfm)

Applicants and affiliated entities with general accounts in euro must convert costs incurred in another currency into euro according to their usual accounting practices.

For awarded projects, the final payment will be based on the final financial report at the end of the project and supporting documents, taking into account any previous pre-financing and interim payment.

**Financial support to third parties**

The applications for this action may not envisage provision of financial support to third parties.

**12.2. Funding form**

GSA grants are calculated on the basis of a detailed estimated budget indicating clearly the costs that are eligible for EU funding. The grant amount may neither exceed the eligible costs nor the amount requested. Amounts are indicated in Euros.

- **Maximum amount requested**

The EU grant is limited to a maximum co-funding rate of 60% of eligible costs incurred in the implementation of the specific actions taking into account the maximum grant amount referred to in section 4.

Consequently, part of the total eligible expenses entered in the estimated budget must be financed from sources other than the EU grant.

- **Eligible costs of the grant**

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13 Art. 196.2 RAP
Eligible costs are costs actually incurred by the beneficiary of a grant which meet all the following criteria:

- they are incurred during the duration of the action, as indicated in the grant agreement, with the exception of costs relating to preparation of the final reports and audit certificates;
- they are indicated in the estimated budget of the action;
- they are necessary for the implementation of the action, in accordance with the description of the action, attached to the grant agreement;
- they are identifiable and verifiable, in particular being recorded in the accounting records of the beneficiary and determined according to the applicable accounting standards of the country where the beneficiary is established and according to the usual cost accounting practices of the beneficiary;
- they comply with the requirements of applicable tax and social legislation;
- they are reasonable, justified, and comply with the principle of sound financial management, in particular regarding economy and efficiency.

The beneficiary’s internal accounting and auditing procedures must permit direct reconciliation of the costs and revenue declared in respect of the action/project with the corresponding accounting statements and supporting documents.

The same criteria apply to the affiliated entities.

Please note that the exact scope of the eligibility of costs is defined in the grant agreement, which will be signed with the successful applicant(s).

- **Eligible direct costs**

  The eligible direct costs for the action are those costs which, with due regard for the conditions of eligibility set out above, are identifiable as specific costs directly linked to the performance of the action.

  When preparing the proposal, applicants shall observe the elements described in the following sub-sections for calculating the necessary budget for the implementation of their project. The following categories of costs can be considered as **eligible direct costs**:

  **1. Personnel costs** are:
  1.1 cost of personnel working under an employment contract
  1.2 costs of natural persons working under a contract with the beneficiary other than an employment contract

  **2 Other direct costs** are:
  2.1 cost of travel and related subsistence allowances
  2.2 costs for equipment and other assets specifically procured for the action [full purchase costs are not-applicable to this call, depreciation costs are applicable]
  2.3 costs for equipment or other assets not procured specifically but directly used for the action – depreciation costs
  2.4 the costs for rental or lease of equipment or other assets
2.5 the cost of using technical facilities or laboratories
2.6 costs of consumables and supplies
2.7 costs arising directly from requirements imposed by the grant agreement
2.8 costs entailed by subcontracts
2.9 costs of financial support to third parties [not-applicable]
2.10 duties, taxes and charges

1. Personnel costs

1.1 the costs of personnel working under an employment contract with the beneficiary or an equivalent appointing act and assigned to the action (including civil servants and other personnel of national administrations to the extent that they relate to the cost of activities which the relevant public authority would not carry out if the project concerned were not undertaken), comprising actual salaries plus social security contributions and other statutory costs included in the remuneration, provided that these costs are in line with the beneficiary’s usual policy on remuneration. Those costs may also include additional remunerations, including payments on the basis of supplementary contracts regardless of the nature of those contracts, provided that they are paid in a consistent manner whenever the same kind of work or expertise is required, independently from the source of funding used;

Personnel costs must be calculated by the applicants/beneficiaries as follows:

\[
(Hourly\ rate\ multiplied\ by\ number\ of\ actual\ hours\ worked\ on\ the\ action),\ plus\ for\ non-profit\ legal\ entities:\ additional\ remunerations\ to\ personnel\ assigned\ to\ the\ action).
\]

The total number of hours declared in EU or Euratom grants, for a person for a year, cannot be higher than the annual productive hours used for the calculations of the hourly rate. Therefore, the maximum number of hours that can be declared for the grant are:

\[
(Number\ of\ annual\ productive\ hours\ for\ the\ year\ minus\ total\ number\ of\ hours\ declared\ by\ the\ beneficiary,\ for\ that\ person\ for\ that\ year,\ for\ other\ EU\ or\ Euratom\ grants)
\]

The ‘hourly rate’ is calculated as follows:

\[
(actual\ annual\ personnel\ costs\ for\ the\ person\ divided\ by\ number\ of\ annual\ productive\ hours)
\]

The beneficiaries must use the annual personnel costs and the number of annual productive hours for each financial year covered by the reporting period concerned. If a financial year is not closed at the end of the reporting period, the beneficiaries must use the hourly rate of the last closed financial year available.

For the ‘number of annual productive hours’, the beneficiaries may choose one of the following:

(i) ‘fixed number of hours’: 1720 hours for persons working full time (or corresponding pro-rata for persons not working full time);

(ii) ‘individual annual productive hours’: the total number of hours worked by the person in the year for the beneficiary \(\text{annual workable hours of the person plus overtime worked minus absences}\). If the contract (or applicable collective labour agreement or national working time legislation) does not allow to determine the annual workable hours, this option cannot be used;
(iii) ‘standard annual productive hours’: the standard number of annual hours generally applied by the beneficiary for its personnel in accordance with its usual cost accounting practices. This number must be at least 90% of the ‘standard annual workable hours’. If there is no applicable reference for the standard annual workable hours, this option cannot be used.

‘Annual workable hours’ - means the period during which the personnel must be working, at the employer’s disposal and carrying out his/her activity or duties under the employment contract, applicable collective labour agreement or national working time legislation.

For all options, the actual time spent on parental leave by a person assigned to the action may be deducted from the number of annual productive hours.

**Important:**
Activities that cannot be deducted for the calculation of the annual productive hours and that cannot be charged to the project are: Sales and marketing; Preparation of proposals; Administrative time (often means “unsold” time).

1.2 The costs of natural persons working under a contract with the beneficiary other than an employment contract (e.g. in-house consultants) may be assimilated to such costs of personnel, provided that the following conditions are fulfilled:

- there must be a direct contract between the natural person (individual) and the beneficiary;
- the natural person works under the instructions of the beneficiary and, unless otherwise agreed with the beneficiary through a teleworking agreement, in the premises of the beneficiary;
- the result of the work belongs to the beneficiary;
- the costs are not significantly different from the costs of personnel performing similar tasks under an employment contract with the beneficiary; and
- The remuneration must be based on working hours, rather than on delivering specific outputs/products. (This implies that the beneficiary must keep records of the hours worked for the action.) Costs of natural persons working under a direct contract for a beneficiary must be calculated according to the formula: hourly rate multiplied by the number of actual hours worked on the action where hourly rate:
  a. if the contract specifies an hourly rate: this hourly rate must be used;
  b. if the contract states a fixed amount for the services of the natural person and the number of hours to be worked: this global amount must be divided by the number of hours to be worked for the beneficiary under that contract.

2. Other direct costs

Other costs in general: only costs of those items which are directly linked to the performance of the operation, identifiable and assigned to the action shall be considered under this heading.

Those costs should include the costs of implementation contracts for ancillary services, goods etc. needed to carry out the project (e.g. dissemination of information, specific evaluation, translations, reproduction, etc.), including purchase of consumables and supplies. They do not
cover contract that imply any externalisation of activities included in the action described in the proposal, which should be included as subcontracting in the relevant form.

Please note that the fact that the costs are specific to the action is the key factor that makes these costs eligible for European Union funding. More general office supplies, stamps or other stationary is comprised in the indirect costs and cannot be considered under this heading.

**All documents supporting the above costs (e.g. invoices) have to be kept from the very beginning of the project. The GSA will require them to verify the request for payment validity.**

2.1 **costs of travel** and related subsistence allowances for personnel, provided that these costs are in line with the beneficiary’s usual practices on travel;

Only the costs for the employee’s travel and subsistence allowances can be introduced in the budget form. Travel costs of external service providers, if applicable, are to be included in their contracts.

Subscription fees to conferences or events, where relevant, should be included in C1 form (section 2.1) Travel costs.

Reimbursement of travel costs can be requested for meetings, European conferences, etc. provided that they are in line with the usual practices of the beneficiary and pre-approved by the GSA. The travel policy of the beneficiary must be made in writing and apply to all business trips of the organisation. Alternatively, in case when a beneficiary has not formalised an internal travel policy or established travel practice, they should not exceed the scales approved annually by the European Commission. These European Commission rates can be consulted on this address: [http://ec.europa.eu/europeaid/work/procedures/implementation/per_diem/index_en.htm](http://ec.europa.eu/europeaid/work/procedures/implementation/per_diem/index_en.htm)

In all cases, the costs reported should comply with the principle of economy and efficiency, meaning that travelling should be performed by the most direct and most economic route;

The costs reported should comply with the following:

- travel by the most direct and most economic route;
- travel by rail: first class;
- travel by air: economy class, unless a cheaper fare can be used (e.g. Apex);
- travel by car: reimbursed on the basis of the equivalent first class rail fare.

Flat-rate subsistence allowances cover all subsistence expenses during travel, including hotels, restaurants and local transport (taxis and/or public transport). They apply for each day of a mission at a minimum distance of 100 km from the normal place of work in the context of the project forming the subject of the grant agreement.

Please note that tips will not be considered as eligible costs.

Beneficiaries who want to declare travel costs as eligible costs of the project will have to provide the following information for each travel:

- Names or functions of the people involved;
- Journey and dates (even tentative);
- Purpose of the travel (this must refer clearly to one activity of the project);
- Subsistence costs: total number of days of the travel x flat rate subsistence allowance (per diem) or an estimate of the real costs per day (per person);
- Cost of travel (estimation).

All necessary supporting documents, in accordance with the beneficiary’s travel policy, have to be kept from the very beginning of the project (e.g. travel tickets, boarding passes, invoices from the travel agency, etc.) The GSA will require them to verify the validity of the request for payment. For the per diem allowances, no supporting documents are required; only a declaration of the applicant on the applicable per diem in its organisation is needed.

2.2 **for equipment and other assets** (new or second-hand) **procured** specifically for the action and in accordance with Article II.10 of the Grant Agreement

a) **the full purchase costs** provided that they are treated as capital expenditure in accordance with the tax and accounting rules applicable to the beneficiary and are recorded in the fixed assets account of its balance sheet AND will not have an economic value at the end of the action OR the purchase in itself is the purpose of the action [**not applicable to this call**] or

b) **the respective depreciation costs** provided that the asset has been purchased in accordance with the conditions applicable to implementation contracts and that it is written off in accordance with the international accounting standards and international financial reporting standards, IAS/IFRS, regardless whether the beneficiary has to apply them or otherwise has diverging accounting practices.

2.3 **costs for equipment or other assets** (new or second-hand) not procured specifically but **directly used** for the action in **proportion to the usage for the action and only during its duration** as **depreciation costs** recorded in the accounting statements of the beneficiary over the period of implementation of the action, provided that the asset is written off in accordance with the international accounting standards and the usual accounting practices of the beneficiary.

Only depreciation for equipment which is strictly necessary for the purposes of carrying out the action can be charged as direct costs. This thus excludes any computer equipment, office material, furniture, etc. that the applicant needs for his daily activities and that will be normally covered by indirect costs.

Only the portion of the equipment’s depreciation corresponding to the duration of the project and the rate of actual use for the purposes of the project can be taken into account by the GSA.

2.4 the costs **for rental or lease** of **equipment or other assets only to the portion of use and limited to the duration of the action**, provided that these costs do not exceed the depreciation costs of similar equipment or assets and are exclusive of any finance fee;

2.5 when **using technical facilities or laboratories** the above rules (2.2) to (2.4) for eligibility of costs apply accordingly;

2.6 **costs of consumables and supplies**, provided that they are purchased in accordance with the conditions applicable to the award of contracts necessary for the implementation of the action and are directly assigned to the action;
2.7 costs arising directly from requirements imposed by the grant agreement (dissemination of information, specific evaluation of the action, audits, translations, reproduction), including the costs of requested financial guarantees, provided that the corresponding services are purchased in accordance with the conditions applicable to the award of contracts necessary for the implementation of the action;

2.8 costs entailed by subcontracts, concluded for the externalisation of specific tasks or activities which form part of the action as described in the proposal, provided that the conditions applicable to implementation contracts are met;

Please refer to Section 5.6 for further details.

2.9 costs of financial support to third parties within the meaning of Article II.12 of the grant agreement provided that the conditions laid down in that article are met [not-applicable to this call];

2.10 duties, taxes and charges paid by the beneficiary, notably non-deductible value added tax (VAT), provided that they are included in eligible direct costs, and unless specified otherwise in the Agreement. In particular, ONLY non-deductible VAT is eligible, except for the activities which the beneficiaries that are public bodies engage in as public authorities (prerogatives of public powers under national law).

Eligible indirect costs

A flat-rate amount of 7% of the total eligible direct costs of the action excluding subcontracting costs\[14\] is eligible under indirect costs, representing the beneficiary’s general administrative costs which can be regarded as chargeable to the action/project.

Indirect costs may not include costs entered under another budget heading.

Indirect costs are not eligible for beneficiaries that receive an operating grant.

Non-eligible costs

In addition to any other costs which do not fulfil the conditions set out above, the following costs shall not be considered eligible:

a. return on capital or return generated by an investment;
b. debt and debt service charges;
c. provisions for future losses or debts;
d. interest owed;
e. doubtful debts;
f. currency exchange losses;
g. bank costs charged by the beneficiary’s bank for transfers from the Agency;
h. costs declared by the beneficiary in the framework of another action receiving a grant financed from the EU budget (including grants awarded by a Member State and financed from the EU budget and grants awarded by the European Commission or other EU bodies than the GSA for the purpose of implementing the EU budget); in particular, indirect costs shall not be eligible under a

\[14\] Indirect costs = 7% \times (total eligible direct costs - subcontracting)
grant for an action awarded to a beneficiary which already receives an operating grant financed from the EU budget during the period in question;

i. contributions in kind from third parties;

j. excessive or reckless expenditure;

k. deductible VAT;

l. participation by any staff of the European Union institutions in the action

m. costs incurred during the suspension of the implementation of the action;

n. cost categories explicitly excluded in this call for proposals.

Calculation of the final amount of the payments in the grant arrangement

The draft grant agreement annexed to this Call for proposals specifies the calculation of the final grant and the payment arrangements. Applicants’ attention should particularly focus on the General Conditions of the draft agreement, where the eligibility conditions of costs are described.

The EU grant may not have the purpose or effect of producing a profit\(^\text{15}\) within the framework of the action.

The final amount of the grant to be awarded to the consortium is established after completion of the action, and upon approval of the request for payment containing the following documents\(^\text{16}\) [including relevant supporting documents where appropriate]:

- a final report providing details of the implementation and results of the action;
- the final financial statement of costs actually incurred,
- [where applicable, a certificate on the financial statements of the action and underlying accounts\(^\text{17}\)].

The authorising officer may also waive the obligation to provide a certificate on the financial statements and underlying accounts where an audit has been or will be directly done by the GSA’s own staff or by a body authorised to do so on its behalf, which provides equivalent assurances about the costs declared.

12.3. Payment arrangements

Arrangements for pre-financing payments corresponding to 20% of the grant amount will be further detailed in the grant agreement (see ref. to Article I.5.2).

Interim payments shall be paid to the mono-beneficiary OR to the coordinator (who receives it on behalf of the consortium) and are intended to cover the beneficiary’s OR the consortium’s expenditure on the basis of a request for payment when the action has been partly carried out.

The interim payment must clear 50% of the amount of the pre-financing payment(s) previously made. The interim payment shall not exceed 50% of the maximum grant amount. The cumulative amount of pre-financing(s) and interim payment(s) must not exceed 70% of the maximum amount of the grant.

\(^{15}\) See reference to Section 12.2 of this Call for Proposal.

\(^{16}\) Art. 135 FR

\(^{17}\) Art. 207.3 RAP
<table>
<thead>
<tr>
<th>Payment</th>
<th>Amount</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pre-financing payments</strong></td>
<td>20%</td>
<td>It shall be organised in 2 pre-financing payments of 10% each</td>
</tr>
<tr>
<td><strong>Interim payments</strong></td>
<td>max 50%</td>
<td>Based on the actual requested grant amount (i.e. actual expenditure).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>It shall be organised in 2 interim payments of max 25% each</td>
</tr>
<tr>
<td><strong>Final payment</strong></td>
<td>min 30%</td>
<td>Based on the actual requested grant amount (i.e. actual expenditure).</td>
</tr>
</tbody>
</table>

GSA will establish the amount of the final payment to be made to the mono-beneficiary OR to the coordinator (who receives it on behalf of the consortium) on the basis of the calculation of the final grant amount (see section 12.2 above). If the total of earlier payments is higher than the final grant amount, the mono-beneficiary OR to the consortium (represented by the coordinator) will be required to reimburse the amount paid in excess by the GSA through a recovery order\(^\text{18}\).

Please refer to the grant agreement for the terms and conditions of the payment arrangements (see ref. to Article I.5).

**12.4. Pre-financing guarantee**

A pre-financing guarantee for up to the same amount as the pre-financing may be requested, on a case by case basis, in order to limit the financial risks linked to the pre-financing payment. The financial guarantee, in euro, shall be provided by an approved bank or financial institution established in one of the Member State of the European Union. When the beneficiary is established in a third country, the authorising officer responsible may agree that a bank or financial institution established in that third country may provide the guarantee if he considers that the bank or financial institution offers equivalent security and characteristics as those offered by a bank or financial institution established in a Member State. Amounts blocked in bank accounts shall not be accepted as financial guarantees.

The guarantee may be replaced by a joint and several guarantee by a third party or by a joint guarantee of the beneficiaries of an action who are parties to the same grant agreement.

The guarantee shall be released as the pre-financing is gradually cleared against interim payments or payments of balances to the beneficiary, in accordance with the conditions laid down in the grant agreement.

\(^\text{18}\) Art. 109, 110 RAP
13. PUBLICITY

13.1. By the Beneficiaries

Beneficiaries must clearly acknowledge the European Union’s contribution in all publications or in conjunction with activities for which the allocated grants are used.

In this respect, beneficiaries are required to give prominence to the name and emblem of the GSA and of the European Union on all their publications, posters, programmes and other products realised under the grant agreement.

If this requirement is not fully complied with, the grant may be reduced in accordance with the provisions of the grant agreement.

13.2. By the GSA

The GSA will publish the following information:

a. name of the awarded beneficiaries (consortium and its beneficiaries);

b. address of the beneficiary (legal persons) or reference to the region (natural persons);

c. subject of the grant agreement;

d. amount awarded.

Upon a reasoned and duly substantiated request by the awarded mono-beneficiary OR to the consortium (represented by the coordinator), the publication shall be waived if such disclosure risks threatening the rights and freedoms of individuals concerned as protected by the Charter of Fundamental Rights of the European Union or harm the commercial interests of the beneficiary.

14. OWNERSHIP

The ownership of the results generated by the action is specified in the grant agreement.

15. DATA PROTECTION

The reply to any call for proposals involves the recording and processing of personal data (such as name, address and CV). Such data will be processed pursuant to Regulation (EC) No 45/2001 on the protection of individuals with regard to the processing of personal data by the Community institutions and bodies and on the free movement of such data. Unless indicated otherwise, the questions and any personal data requested are required to evaluate the application in accordance with the specifications of the call for proposals will be processed solely for that purpose by the GSA. Applicants / beneficiaries are entitled to obtain access to their personal data on request and to rectify any such data that is inaccurate or incomplete. Applicants / beneficiaries shall address queries concerning the processing of personal data to the GSA. Applicants / beneficiaries have the right of recourse at any time to the European Data Protection Supervisor for matters relating to the processing of their personal data.

Details concerning the processing of personal data are available on the privacy statement at:

Applicants are informed that for the purposes of safeguarding the financial interest of the European Union, personal data may be transferred to internal audit services, to the European Court of Auditors, to the Financial Irregularities Panel and/or to the European Anti-Fraud Office (OLAF).

Your personal data may be registered in the Early Detection and Exclusion System (EDES) if you are in one of the situations mentioned in Article 106 of the Financial Regulation\(^\text{19}\). For more information, see the Privacy Statement on: [http://ec.europa.eu/budget/explained/management/protecting/protect_en.cfm](http://ec.europa.eu/budget/explained/management/protecting/protect_en.cfm)

### 16. PREPARATION AND STRUCTURE OF THE PROPOSAL

Proposals shall be prepared in accordance with the scope of the Call (section Error! Reference source not found.), with clear definition of the roles (Form A1), demonstrating that the consortium is composed of all the necessary competencies needed to achieve the objectives of the Call (section 2.1).

Proposals must be submitted in accordance with the formal requirements and by the deadline set out under section 17.

Applicants will be informed in writing about the results of the selection process.

Proposals shall be prepared along the following structure:

**Administrative Proposal (A1-A6):**
- A1 – Proposal Overview
- A2 – Proposal Summary
- A3 – Single Applicant/Coordinator profile including:
  a) Legal Entity Form (LEF) together with supporting documents as described in Section 7.3
  b) Financial Identification Form (FIF) signed by the single applicant/coordinator plus signed and stamped by the bank OR a bank statement relating to the bank account
- A4 – Co-Applicant profile\(^\text{20}\) (+ LEF) together with supporting documents as described in Section 7.3
- A5 – Declaration of honour
- A6 – Financial capacity ratios (A6 Form shall not apply to public bodies and international organisations)

**Technical Proposal (B1-B2):**
- B1 – Technical proposal (additional documents can be annexed to this form to complement the information)
- B2 – Operational capacity

**Financial Proposal:**
- C1 – Preliminary Budget

The technical proposal (B1-B2 Forms) constitutes the core of your proposal. These forms shall be submitted by and along with the various and duly completed templates provided with this call, consisting of a list of


\(^{20}\) Nota bene: A4 form is only for multi-beneficiaries in a consortium.
headings. It is recommended to follow this structure when presenting the technical content. The templates are designed to highlight those aspects that will be assessed against the evaluation criteria. They cover, among other things, the nature of the proposed work, the participants and their roles in the proposed project, and the impact that might be expected to arise from the proposed work. Additional information or descriptive document may be provided by applicants as an annex.

The C1 form shall be submitted in excel (.xls) format.

Overview of Forms (as presented below in the table) shall be submitted by the applicant (coordinator on behalf of the consortium) and every related actor specified below is responsible to fill them duly in (coordinator and/or co-applicants and/or affiliated entity). The table below reflects on who has to fill out what kind of forms. Please note each that actor (including the coordinator, the co-applicants and affiliated entity) has to fill certain forms as described below in the table, and this information shall be reflected in the A1 Form prepared by the single applicant/coordinator.

<table>
<thead>
<tr>
<th>Responsibility / Forms</th>
<th>Single applicant/Coordinator</th>
<th>Co-applicant</th>
<th>Affiliated entity</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1 – A2 – A3 – B1</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A4</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>A5 – A6 – B2 – C1</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>FIF and supporting docs</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LEF and supporting docs</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

NOTE: Subcontractors are requested to submit a declaration confirming that they are not falling under the uneligibility criterion that they participate to the awarded consortium under contract GSA/NP/04/15.

17. SUBMISSION OF PROPOSALS

Proposals must be submitted in accordance with the formal requirements and by the deadline set in this section.

The beneficiaries are not allowed - in any respect - to change the scope and the content of the proposal(s), till the signature of the grant agreement. However, if there is a need to clarify certain aspects or for the correction of clerical mistakes, the GSA may contact the applicant for this purpose during the evaluation process.

The proposal may be submitted in any of the official languages of the European Union but English version would be appreciated. If the proposal is not in English, the applicant should provide a translation of the full proposal or of an extract of it, in particular to the supporting documents requested, such as registry excerpts etc. Costs incurred by the applicant for providing the translation shall not be subject to reimbursement by the GSA.

The proposal shall always be submitted in a paper version.
IMPORTANT NOTE (2): The mandatory submitted proposals shall always also contain 2 (two) copies of USB storage devices containing the full set of proposal documents in machine readable format (standard Office 2003 and Adobe PDF 2008 or later). In case of doubt or outright divergence between the physically submitted proposal and the content provided in electronic format (on the USB-storage devices or via the platform) the physical documents shall always take precedent.

Unless notified otherwise by the GSA, the proposals (including USBs) shall be submitted by letter:

a) either by post or by courier not later than 02/10/2017, in which case the evidence of the date of dispatch shall be constituted by the postmark or the date of the deposit slip, to the address indicated below;

b) or delivered by hand not later than 02/10/2017 at 17:00 Prague local time to the address indicated below. In this case, a receipt must be obtained as proof of submission, signed and dated by the GSA official who took delivery.

The GSA is open from 09.00 to 17.00 Monday to Thursday, and from 9.00 to 16.00 on Fridays. It is closed on Saturdays, Sundays and national holidays.

Proposals must be placed inside a sealed envelope. The envelope, addressed as indicated below, should be marked as follows: "CALL FOR PROPOSALS GSA/GRANT/07/2017 – NOT TO BE OPENED". If self-adhesive envelope is used, it must be sealed with adhesive tape and the sender must sign across this tape.

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CALL FOR PROPOSALS
GSA/GRANT/07/2017
AVIATION DFMC SBAS RECEIVER PROTOTYPE
GSA – Legal and Procurement Department
Janovského 438/2
170 00 Prague 7- Czech Republic

18. EVALUATION OF PROPOSALS, AWARD AND RESERVE LIST

18.1. Evaluation of Proposals

All applications will be examined and assessed by an Evaluation Committee. The assessment of each proposal will be based on the information provided by the applicants in the proposal submitted in reply to the call for proposals. In addition, the GSA reserves the right to use any other information from public or specialist sources. The information will be assessed in light of the admissibility, eligibility, exclusion, selection and award criteria set out in the Call for Proposals.

The Evaluation Committee may ask an applicant to provide additional information or to clarify the supporting documents submitted in connection with the application, in particular in the case of evident material errors.

- At the end of the evaluation, the best proposal(s) will be proposed for award,
- Placed on the reserve list in case of not available funding,
- Rejected, stating the reasons for rejection.
After the completion of the evaluation, applicants will be informed in writing about the results of the evaluation.

18.2. Award of the grant agreement

The GSA may decide to request the applicant(s), whose proposal has been recommended for award by the Evaluation Committee, to make minor adaptations and/or corrections to the proposal. In that case, applicant will receive a letter setting out the requested modifications which must stay within the limits of the request. This phase will not lead to a re-evaluation of the proposal.

A decision to reject an application can be based on the following grounds:

- the application was submitted after the closing date;
- the application is incomplete or otherwise non-compliant with the stated administrative conditions or in any other way does not comply with the eligibility criteria as set out the call for proposals;
- the applicant (coordinator or one or more co-applicants in a consortium) is ineligible;
- the technical capacity is considered insufficient;
- the financial capacity is considered insufficient;
- the proposal has not reached the minimum scores as indicated in the award criteria detailed in the call for proposals;
- the score obtained by the proposal is not ranked amongst the best proposal considered for the award.

The GSA’s decision to reject an application is final.

18.3. Reserve list

The GSA may place proposals – which were not considered for award of the grant due to inferior score or lack of budget – on a reserve list. Should additional budgetary appropriations become available, the applicants will be informed according to their ranking on the reserve list for potential award of the grant.

19. CONTACTS

Contacts between the GSA and potential applicants can only take place in certain circumstances and under the following conditions only:

Before the final date for submission of proposals:

- At the request of the applicant, the GSA may provide additional information solely for the purpose of clarifying the nature of the call. The request cannot be done after 19 April 2017.
- Any requests for additional information must be made in writing only to the coordinates stated below.
- The GSA may, on its own initiative, publish corrigenda in case of inaccuracy, omission or other clerical error in the text of the call for proposals.
- Any additional information including that referred to above will be published on the GSA internet page [http://www.gsa.europa.eu/gsa/grants](http://www.gsa.europa.eu/gsa/grants) on which the call for proposals is published.

After the deadline for submission of proposals:

- If clarification is requested or if obvious clerical errors in the proposal need to be corrected, the GSA will contact the applicant provided the terms of the proposal are not modified as a result.
• If the GSA finds that the proposal, chosen for award, could be improved by limited adaptations. In such case, these applicants will receive a formal letter setting out the proposed modifications.

Contact coordinates for the call:
GSA: Legal and Procurement Department
E-mail address: gnss.grants@gsa.europa.eu
Office address: GSA, Janovského 438/2, 170 00, Prague 7, Czech Republic

REMINDER: when sending any correspondence to GSA, please refer in the subject (of the email or of the letter) to the relevant reference number of the Call: GSA/GRANT/07/2017 – failure of doing so – might delay the timely response of GSA.