

APPROVED BY

First deputy Minister of  
Science and Higher Education  
of the Russian Federation

\_\_\_\_\_ Grigoriy Trubnikov

June 13, 2019

**COMPETITION DOCUMENTATION**  
**for the open competition for grants from the Government of the Russian Federation**  
**for state support of scientific research conducted under supervision of leading**  
**scientists in Russian institutions of higher education, scientific foundations and state**  
**research centers of the Russian Federation**

(7<sup>th</sup> stage)

APPROVED BY

Deputy Director of the Department of  
Competition Procedures and State  
Contracts of the Ministry of Science and  
Higher Education of the Russian Federation

\_\_\_\_\_ Oleg Arbuzov

APPROVED BY

Director of the Department of State  
Science and Technology Policy of the  
Ministry of Science and Higher  
Education of the Russian Federation

\_\_\_\_\_ Mikhail Romanovskiy

Moscow, 2019

## TABLE OF CONTENTS

<b>I. TERMS AND DEFINITIONS.....</b>	<b>3</b>
<b>II. INFORMATION CONCERNING THE COMPETITION .....</b>	<b>4</b>
1. General provisions .....	4
2. Information concerning the organizer and the Specialized organization.....	5
3. Requirements on participants of the competition .....	6
4. Requirements on leading scientist recruited for supervision of scientific research projects ....	6
5. Requirements on scientific research projects.....	7
6. Expenditures in connection with participation in the competition .....	10
7. Clarification of provisions of the Competition documentation .....	10
8. Changes to the Announcement of the competition and the Competition documentation.....	10
9. Cancellation of the competition .....	10
10. Composition of an application for participation in the completion participation .....	11
11. Preparation of an application for participation in the competition.....	12
12. Submitting an application for the competition .....	13
13. Changing and withdrawing application an application for the competition .....	13
14. Expert assessment of documents comprising applications for participation in the competition .....	14
15. Signing of agreements in accordance with the results of the Competition .....	17
<b>III. FORMS OF DOCUMENTS FOR APPLICANTS FOR THE COMPETITION.....</b>	<b>19</b>
Form 1. Application for participation in the competition .....	19
Form 2. Declaration of the leading scientist .....	22
Form 3. Scientific achievements and work experience of the leading scientist .....	24
Form 4. Academic achievements and work experience of the key members of the academic staff .....	28
Form 5. Description of the scientific research project .....	30
Form 6. Work plan of the scientific research project.....	31
Form 7. List of key performance indicators of the scientific research project .....	32
Form 8. Expenditure plan of the scientific research project .....	33
Form 9. Liability of the educational / scientific organization to create a laboratory.....	35
Form 10. Annotation of the application for participation in the competition.....	36
<b>Appendix 1.</b> Recommended values of scientometric indicators for substantiation of the status of the leading scientist.....	38
<b>Appendix 2.</b> List of scientific domains for state support of scientific research.....	42

## I. TERMS AND DEFINITIONS

**Program** – implementation of measures to recruit leading scientists into Russian institutions of higher education, scientific foundations and state research centers of the Russian Federation designated by the Decree of the Government of the Russian Federation No. 220 of 09 April 2010.

**Leading scientist** – a Russian or foreign scientist pursuing an active academic career and occupying a leading position in one of the fields of studies.

**Grant** –funding provided to a Russian educational institution of higher education or a scientific foundation, or a state research center of the Russian Federation from the budget of the Russian Federation in accordance with the rules of allocation of grants in the form of subsidies allocated for state support of scientific research conducted under supervision of leading scientists in institutions of higher education, scientific institutions, and state research centers of the Russian Federation designated by the Decree of the Government of the Russian Federation No. 576 of 08 May 2019.

**Council** – the Grant Council of the Government of the Russian Federation for state support of scientific research conducted under supervision of leading scientists in institutions of higher education, scientific institutions, and state research centers of the Russian Federation designated by the Decree of the Government of the Russian Federation No. 232-p of 27 October 2018.

**Competition commission** – the collegial body whose members and procedures are approved by the Ministry of Science and Higher Education of the Russian Federation

**Specialized organization** – the organization exercising functions of operational, technical, and informational support of the grant competition and analytical support of scientific research projects.

**Official website of the Ministry of Science and Higher Education of the Russian Federation** – the website of the Ministry of Science and Higher Education of the Russian Federation on the Internet located at <https://minobrnauki.gov.ru>.

**Specialized website of the Program** – website on the Internet located at <http://www.p220.ru> containing information on the course of implementation of measures for state support of scientific research conducted under supervision of leading scientists in Russian institutions of higher education, scientific foundations and state research centers of the Russian Federation designated by the Decree of the Government of the Russian Federation No. 220 of 09 April 2010. № 220.

**Program application portal** – the computer system connected to an interface hosted on the Internet located at <http://konkurs.p220.ru> that is designed for participants of the competition to facilitate preparation and submission of applications for the competition.

## II. INFORMATION CONCERNING THE COMPETITION

### 1. General provisions

1.1. The present open competition for grants in the form of subsidies from the federal budget allocated for state support of scientific research under supervision of leading scientists in Russian institutions of higher education, scientific foundations and state research centers of the Russian Federation (hereinafter referred to as «the competition») is conducted in accordance with the first paragraph of the of article 3 of the rules of allocation of grants in the form of subsidies from the federal budget allocated for state support of scientific research under supervision of leading scientists in Russian institutions of higher education, scientific foundations and state research centers of the Russian Federation. The said rules were approved by the Decree of the Government of the Russian Federation No. 576 of 08 May 2019 (hereinafter referred to as «the Grant Allocation Rules»).

1.2. The grant is allocated to the winner of the competition (grant recipient) with the purpose of implementation of scientific research under supervision of the leading scientist over 3 year (2019 – 2021) and creation of a laboratory managed by the leading scientist within the structure of the educational or scientific institution hosting the scientific research project.

Maximum amount of the grant for the whole course of implementation of the scientific research project is **90 million rubles** including:

in 2019 – up to **33 million rubles**,

in 2020 – up to **33 million rubles**,

in 2021 – up to **24 million rubles**.

1.3. List of expenditures for which the grant can serve as the source of funding:

1.3.1. Remuneration to the leading scientist and members of the academic staff of the Laboratory including taxes and other social transfers (not more than 60 per cent of the amount of the grant)

1.3.2. Purchase of equipment necessary for implementation of the scientific research project

1.3.3. Purchase of materials and replacement parts for equipment necessary for implementation of the scientific research project.

1.3.4. Business trips of the leading scientist and member of the academic staff of the Laboratory for the purposes of the scientific research project.

1.3.5. Training and professional development of the academic staff of the Laboratory

1.3.6. Participation of the leading scientist and members of the academic staff of the laboratory in conferences, scientific seminars and symposiums

1.3.7. Organization conferences, scientific seminars, symposiums conducted by the academic staff of the laboratory' field of studies.

1.3.8. Publication of scientific articles and issue of monographs by the leading scientist and (or) members of the academic staff of the laboratory devoted to results achieved in the course of the scientific research project in the field of studies of the laboratory.

1.3.9. Works associated with implementation of the scientific research project by third-party organizations (not more than 5 per cent of the amount of the grant).

1.3.10. Minor renovation of rooms of the laboratory as well as other expenses directly associated with implementation of the scientific research project (not more than 5 per cent of the amount of the grant).

1.4. Efficiency of expenditures funded by the grant incurred by the grant recipient will be evaluated on the basis of the values of the following indicators:

1.4.1. The number of candidates of sciences permanently working at the Laboratory.

1.4.2. The number of postgraduates of the educational of research institution permanently working at the laboratory.

1.4.3. The number of students of the educational foundation permanently working at the laboratory.

1.4.4. The number of articles by the leading scientist in journals indexed by the Web of Science Core Collection database written in collaboration with members of the academic staff of the laboratory in the selected field of studies or written independently by members of the academic staff of the laboratory in the selected field of studies, including the number of articles in academic journals from the first and the second quartiles (Q1 or Q2) of impact factor of the corresponding JCR according to the Web of Science Core Collection database.<sup>1</sup>

1.4.5. The number of new educational programs developed and implemented in the selected field of studies.

1.4.6. The number of dissertations for the degree of doctor of science presented before the dissertation board by members of the academic staff of the laboratory in the selected field of studies.

1.4.7. The number of dissertations for the degree of candidate of science presented before the dissertation board by members of the academic staff of the laboratory in the selected field of studies

1.4.8. The number of members of the academic staff of the laboratory admitted to postgraduate and doctoral schools in the selected field of studies.

1.4.9. The number of registered objects of intellectual property or applications for registration of objects of intellectual property in the selected field of studies authored by members of the academic staff of the laboratory including the number of application for patents for inventions, useful models, or pre-production prototypes in the selected field of studies authored by members of the academic staff.

1.4.10. The number of grants received by the laboratory and supervised by members of the academic staff of the laboratory over the course of completion of project.

1.4.11. The number of commercial agreements and (or) contracts completed by members of the academic staff of the laboratory over the course of completion of the scientific research project.

The exact values of performance indicators of grant allocation are indicated in the agreement that should be signed by winners of the competition (grant recipients) according to the result of the competition.

1.5. Legal relations between the parties that arise in connection with the Program are regulated by the legislation of the Russian Federation.

## **2. Information concerning the organizer and the Specialized organization**

2.1. The organizer of the program is the Ministry of Science and Higher Education of the Russian Federation.

The physical location of the organizer of the program is: Tverskaya street, 11, 125009 Moscow, Russia.

The responsible representative of the organizer of the program for issues of realization of the Program – Deputy Director of the Department of State Scientific and Scientific-Technical Policy of the Ministry of Science and Higher Education of the Russian Federation Semin Alexey Alekseevich, phone number. 8(495)547-13-25, e-mail address: seminaa@minobrnauki.gov.ru.

2.2. The Specialized organizer of the Program is «Inconsult K» LLC.

The physical location of the Specialized organization of the program is: 3-rd Kadashyovskiy pereulok, 6 building 2, 115035 Moscow, Russia.

---

<sup>1</sup> Requirements on publication of articles in scientific journals from the first and the second quartiles (Q1 or Q2) of impact factor of the corresponding JCR according to the Web of Science Core Collection do not apply to scientific research conducted in domains of social sciences and humanities.

The responsible representative of the organizer of the program for issues of realization of the Program is Yuliya Suntsova, phone number +7 (495) 989-73-76 (ext. 316), e-mail address [suntsova-ya@inkk.ru](mailto:suntsova-ya@inkk.ru).

2.3. The e-mail address of the support service for technical issues concerning the Program application portal is [support@fcntp.ru](mailto:support@fcntp.ru).

### **3. Requirements on participants of the competition**

3.1. The Program is intended for Russian educational institutions of higher education (hereinafter referred to as «educational institutions») and scientific institutions and research centers of the Russian Federation (hereinafter referred to as «scientific institutions») that propose scientific research projects supervised by the leading scientist to receive a grant in the form of a subsidy from the federal budget.

3.2. The number of scientific research projects implemented on the grounds of one scientific or educational institution is not limited.

3.3. An educational or scientific institution that is under liquidation, bankruptcy cannot participate in the Program.

3.4. An educational or scientific institution that is budgetary or autonomous institution must submit the consent of the body that performs functions and exercises authorities as the founder of an educational or scientific institution that is budgetary or autonomous institution (except for budgetary or autonomous institution subordinate to the Ministry of Science and Higher Education of the Russian Federation) for participation in the Program and the following signing of the agreement of the competition of the institution's letterhead.

3.5. Participants of the Program should take account of requirements on winners of the competition (recipients of the grant), designated by paragraphs 15.2.1 – 15.2.5 of the Competition documentation.

### **4. Requirements on leading scientist recruited for supervision of scientific research projects**

4.1. A leading scientist recruited by an educational or scientific institution can only participate in one scientific research project submitted within the Program.

4.2. To substantiate his/her status it is recommended that the leading scientist submits his/her scientometric indicators whose recommended values are indicated in Appendix 1 of the competition documentation.

It is recommended that the leading scientist specifies (updates to reflect the state at the moment of submission of the application) the information concerning his/her publications in academic journals indexed by the Web of Science Core Collection database on his/her personal profile at the ResearcherID information resource.

4.3. A leading scientist cannot be recruited for supervision of the scientific research project if the leading scientist:

4.3.1. Has already won another competition for grants from the Government of the Russian Federation for state support of scientific research conducted under supervision of leading scientists in Russian institutions of higher education, scientific foundations and state research centers of the Russian Federation in 2010 – 2017.

4.3.2. Is a member of the Council or the Competition commission.

4.3.3. Is the supervisor of a scientific projects (chief executive of a department of complex research programs of an organization) supported by the Russian Science Foundation that will not be completed by 31 December 2019.

4.4. A leading scientist cannot be recruited for supervision of a scientific research project if at the date of submission of the application the leading scientist is collaborating pursuant to a labor agreement or a free independent contractor agreement with an organization on the territory of

the same federal subject of the Russian Federation in which the participating organization (educational or scientific institution) is located.<sup>2</sup>

4.5. A leading scientist should inform the organization for which he/she works on a permanent basis of his/her intent to participate in a scientific research project submitted to the competition as the supervisor of the project (with full-time presence at the laboratory of the educational or scientific institution over the prescribed time period).<sup>3</sup>

A copy of the notification sent by the leading scientist to the organization for which he/she works on the permanent basis should be submitted by the participant of the competition (the educational or scientific institution recruiting the leading scientist) as a part of the application for participation in the competition (clauses 10.1.2.4 of the present Competition documentation).

In case the leading scientist receives an objection against his/her participation in the program on the terms specified in the notification from the organization for which he/she works on a permanent basis, the leading scientist should immediately inform the applicant for the competition. In this case the applicant should withdraw the application for participation in the competition in the manner specified in clause 13.4 of the Competition documentation.

If in the current period the leading scientist participates in other scientific projects funded by scientific foundations (institutions) the leading scientist should independently inform such foundations (institutions) of his/her intention to participate in the competition or of the fact of participation in the competition (in case the application that the leading scientist participates in is declared a winner and a grant allocation agreement is signed between the leading scientist and the institution that recruits the leading scientist) if this is prescribed by regulations of the corresponding scientific foundation (institution) or the agreement signed with the scientific foundation (institution).

## **5. Requirements on scientific research projects**

5.1. The proposed scientific research project submitted to the Program must be unique (does not repeat / duplicate any scientific research project implemented by the scientific or educational institution, the leading scientist (including at the institution that permanently employ he leading scientist) in the current period or earlier by means of support from the budgetary system of the Russian Federation or other sources of funding).

5.2. A proposed scientific research project should be implemented with the aim of securing the priorities of scientific and technological development of the Russian Federation defined by the Strategy of scientific and technological development of the Russian Federation (approved by the Presidential Decree of the Russian Federation No. 642 of 01 December 2016) necessary for development of innovation economics of the Russian Federation and training highly qualified professionals who possess competences necessary for participation in the process of solution of such problems.

5.3. Only scientific research projects in scientific domains specified in in Appendix 2 of the Competition documentation can be submitted to the competition.

5.4. For the whole duration of the scientific research project, the research staff should include at least 2 candidates of sciences and 3 postgraduates as well as (in case the scientific research project is hosted by an educational institution) at least 3 students of the educational institution.

---

<sup>2</sup> The aforementioned requirement does not apply in case both organizations (the organization that permanently employs the leading scientist and the participant of the Program) in Moscow and Moscow Oblast' or Saint Petersburg and Leningrad Oblast or Sevastopol and the Republic of Crimea

<sup>3</sup> The aforementioned requirement does not apply to leading scientists who do not have a permanent employer or who are planning to terminate their current labor relationship due to participation in the scientific research project. The leading scientist should submit a written statement as a part of the application for participation in the Program (footnote 8 to clause 10.1.2.4 of the present Competition documentation).

The share of young scientists (39 years of age or younger) in the academic staff over the course of the first year of the scientific research project should be at least 50 per cent and should increase by at least 2 percentage points each year thereafter.

Substitution of key members of the academic staff is allowed only under exceptional circumstances with written notification of the Ministry of Science and Higher Education of the Russian Federation provided that the level of qualification of the academic staff will not be reduced as a consequence of such substitution<sup>4</sup>. At the same time, the requirements on the composition of the staff for implementation of the scientific research project.

5.5. The conditions of implementation of the scientific research project should ensure full-time presence of the recruited leading scientist at the laboratory of the educational or scientific institution for supervision of the scientific research project starting from 2020:

5.5.1. If the leading scientist resides outside of the Russian Federation permanently or most of the time – at least 90 days (in aggregate)<sup>5</sup> every year over the course of the scientific research project. In this case the leading scientist should organize internships for two members of the academic staff (students and (or) postgraduates) under supervision of the leading scientist at the institution for which the leading scientist works on the permanent basis. The aggregate duration of each of the internships should be at least 30 days every year over the course of the scientific research project.

If internships for members of the academic staff in accordance with conditions prescribed by this clause cannot be organized the period of full-time supervision of the scientific research project at the laboratory of the educational or scientific institution should be at least 120 days (in aggregate)<sup>5</sup>.

5.5.2. If the leading scientist resides in the Russian Federation permanently or most of the time (except for the categories of leading scientists listed in clauses 5.5.3 and 5.5.4 of the Competition documentation) – at least 120 days (in aggregate)<sup>5</sup> every year over the course of the scientific research project. In this case the leading scientist should organize internships for two members of the academic staff (students and (or) postgraduates) under supervision of the leading scientist at the institution for which the leading scientist works on the permanent basis. The aggregate duration of each of the internships should be at least 60 days every year over the course of the scientific research project.

If internships for members of the academic staff in accordance with conditions prescribed by this clause cannot be organized the period of full-time supervision of the scientific research project at the laboratory of the educational or scientific institution should be at least 180 days (in aggregate)<sup>5</sup>.

5.5.3. If the leading scientist resides in Moscow or Moscow Oblast' and supervises a scientific research project in an educational or scientific institution located in Saint Petersburg or Leningrad Oblast' – on the permanent basis.

5.5.4. If the leading scientist resides in Saint Petersburg or Leningrad Oblast' and supervises a scientific research project in an educational or scientific institution located in Moscow or Moscow Oblast' – on the permanent basis.

5.6. The educational or scientific institution should:

5.6.1. Secure continuous funding of the scientific research project according to the approved expenditure plan of the project.

5.6.2. Provide rooms in suitable condition for implementation of the scientific research project as well as ensure access to experimental facilities necessary for implementation of the scientific research project for the academic staff.

---

<sup>4</sup> The key members of the academic staff are the members of staff who possess key competences, who are highly qualified and who comprise the «core» of the scientific staff that defines viability of the scientific research project.

<sup>5</sup> The indicated period includes weekends and holidays falling within the period of full-time supervision of the scientific research project by the leading scientist at the laboratory at the educational or scientific institution



5.6.3. Provide at least two positions for young scientist (39 years of age or younger) in the academic staff of the created laboratory with funding from the subsidy for completion of governmental assignments.

5.6.4. Sign labor agreements or free independent contractor agreements with the leading scientist and the key members of the academic staff.

5.6.5. Pay remuneration to the members of the academic staff for implementation of the scientific research project in accordance with amount and quality of work contributed by each member of the academic staff.

5.6.6. Expend the grant funding only with consent of the leading scientist who supervises the scientific research project.

5.6.7. Ensure further functioning and development of the laboratory after the completion of the scientific research project over the following three years and provide reports in the approved form concerning research conducted at the laboratory and achieved results of the research to the Ministry of Science and Higher Education of the Russian Federation

5.7. Mandatory results of completion of the scientific research project are at least 5 articles in the selected research domain in academic journals indexed by the Web of Science Core Collection database and (or) submission of at least 2 applications for patents for inventions, useful models, or industrial models within 18 months from the commencement of the scientific research project and publication of at least 7 articles in the selected research domain in academic journals indexed by the Web of Science Core Collection database and (or) submission of at least 3 applications for patents for inventions, useful models, or industrial models within 30 months from the commencement of the scientific research project.

At the same time, recommended results of completion of the scientific research project are at least 5 articles in the selected research domain in academic journals indexed by the Web of Science Core Collection database including at least 2 publications in journals from the first and the second quartiles (Q1 or Q2) of impact factor of the corresponding JCR according to the Web of Science Core Collection database<sup>6</sup> and (or) submission of at least 2 applications for patents for inventions, useful models, or industrial models within 18 months from the commencement of the scientific research project and publication of at least 7 articles in the selected research domain in academic journals indexed by the Web of Science Core Collection database<sup>7</sup> including 3 publications in academic journals from the first and the second quartiles (Q1 or Q2) of impact factor of the corresponding JCR according to the Web of Science Core Collection database and (or) submission of at least 3 applications for patents for inventions, useful models, or industrial models or one obtained patent within 30 months from the commencement of the scientific research project.

5.8. Intellectual property rights on of third-party institutions (including the institution where the recruited leading scientist works on a permanent basis) should not be violated.

If usage of products of intellectual property of third-party institutions is necessary for the purposes of the scientific research project, a license agreement should be signed with the respective copyright owners for usage of such products of intellectual property within the negotiated limits.

---

<sup>6</sup> The requirement to publish at least 2 articles in scientific journals from the first and the second quartiles (Q1 or Q2) of impact factor of the corresponding JCR according to the Web of Science Core Collection do not apply to scientific research conducted in domains of social sciences and humanities.

<sup>7</sup> The requirement to publish at least 3 articles in scientific journals from the first and the second quartiles (Q1 or Q2) of impact factor of the corresponding JCR according to the Web of Science Core Collection do not apply to scientific research conducted in domains of social sciences and humanities..

## **6. Expenditures in connection with participation in the competition**

6.1. Participants of the competition bear all the expenditures in connection with participation in the competition independently including expenditures related to preparation and submission of applications for participation in the competition

## **7. Clarification of provisions of the Competition documentation**

7.1. Any person interested in participation in the competition can request clarifications from the Ministry of Science and Higher Education in written form. A request can also be sent via e-mail to the e-mail address of the responsible representative of the organizer of the program specified in the third paragraph of clause 2.1. Such requests should include an attached PDF-file with a scan of an appropriately formed printed request.

7.2. Requests should include:

- the name of the competition;
- the name of the organization sending the request and its location;
- the number of the clause of the Competition documentation that needs clarification;
- the preferred method of receipt of clarifications (mail, fax, e-mail) and the corresponding mail address, fax number or e-mail address for receipt of the reply.

7.3. Within 5 business days from receipt of a request for clarification in written form the Ministry of Science and Higher Education of the Russian Federation should send necessary clarification provided that the request is properly formed and it was received by the Ministry of Science and Higher Education not later than 7 business days before the end of the competition application campaign.

## **8. Changes to the Announcement of the competition and the Competition documentation**

8.1. The Ministry of Science and Higher Education of the Russian Federation can introduce changes to the announcement of the competition and the Competition documentation during the first half of the set period of the competition application campaign.

8.2. Changes to the Announcement of the competition and the Competition documentation should be published on the Official website of the Ministry of Science and Higher Education of the Russian Federation and the Specialized website of the Program within one business day from the introduction of changes to the Announcement of the competition and the Competition documentation.

8.3. Persons interested in participation in the competition should independently monitor changes introduced to the Announcement of the competition and the Competition documentation.

8.4. The Ministry of Science and Higher Education bears responsibility in case participants of the competition are not timely informed of changes introduced in accordance with established procedure to the Announcement of the competition and the Competition documentation.

## **9. Cancellation of the competition**

9.1. The Ministry of Science and Higher Education of the Russian Federation has the right to cancel the competition during the first half of the set period of the competition application campaign.

9.2. A notification on cancellation of the competition should be published on the Official website of the Ministry of Science and Higher Education of the Russian Federation and the Specialized website of the Program within one business day from the cancellation of the competition.

9.3. Envelopes containing applications for participation in the competition received by the Ministry of Science and Higher Education of the Russian Federation before a solution on cancellation of the competition will be opened in case at least one participant of the competition requested a return of its application for participation in the competition. Applications are returned only to participants of the competition who file a request to return corresponding applications.

## **10. Composition of an application for participation in the completion participation**

10.1. Applications for participation in the competition should include the following documents and information:

10.1.1. A filled «Application for participation in the competition» in accordance with Form 1 of section III of the Competition documentation.

### 10.1.2. Information concerning the leading scientist:

10.1.2.1. A filled «Declaration of the leading scientist» in accordance with Form 2 of section III of the Competition documentation.

10.1.2.2. The CV of the leading scientist.

10.1.2.3. A filled «Scientific achievement and work experience of the leading scientist» according to Form 3 of section III of the Competition documentation.

10.1.2.4. A copy of the notification sent by the leading scientist to the organization for which he/she works on a permanent basis of his/her intent to participate in the scientific research project submitted to the competition (with full-time presence at the corresponding laboratory of the educational and scientific institution during the whole course of the scientific research project).<sup>8</sup>

10.1.2.5. Copies of pages of the leading scientist's national identity document indicating the name, the surname, and the patronymic (if applicable) of the leading scientist as well as the place of his/her residence.

### 10.1.3. Information concerning the key members of the academic staff:

10.1.3.1. A filled «Academic achievements and work experience of the key members of the academic staff» document according to Form 4 of section III of the Competition documentation.

### 10.1.4. Information concerning the scientific research project:

10.1.4.1. A filled «Description of the scientific research project» in accordance with Form 5 of section III of the Competition documentation.

10.1.4.2. A filled «Work plan of the scientific research project» in accordance with Form 6 of section III of the Competition documentation.

10.1.4.3. A filled «List of key performance indicators of the scientific research project» in accordance with Form 7 of section III of the Competition documentation.

10.1.4.4. A filled «Expenditure plan of the scientific research project» in accordance with Form 8 of section III of the Competition documentation.

10.1.4.5. A filled «Liability of the educational / scientific organization to create a laboratory» in accordance with Form 9 of section III of the Competition documentation.

10.1.5. A filled «Annotation of the application for participation in the competition» in accordance with Form 10 of section III of the Competition documentation.

10.1.6. A document confirming the right of a representative to act (including signing of documents for the application for the competition) on behalf of the participant of the competition (election decision, appointment order – for an official of an organization holding the right to act without a power of attorney, power of attorney – for all other individuals).

10.1.7. A written consent of the body that performs functions and exercises authorities as the founder of an educational or scientific institution that is a budgetary or autonomous institutions

---

<sup>8</sup> Leading scientists who do not have a permanent employment or planning to terminate their current employment at the time of submission of the application due to participation in the scientific research project should present a corresponding written notification as a part of the application for participation in the competition.

(except for budgetary and autonomous institutions subordinate to the Ministry of Science and Higher Education) for participation in the competition and for signing an agreement with the Ministry of Science and Higher Education of the Russian Federation according to the results of the competition..

10.2. A participant of the competition can supplement the application for participation in the competition with documents confirming presence of groundwork for the scientific research project as well as with other relevant documents for thorough assessment of the application for participation in the competition and its evaluation in accordance with the set criteria.

Absence of documents specified by this clause in an application for participation in the competition cannot be a reason for declaring such an application not compliant with requirements set in the Competition documentation.

## **11. Preparation of an application for participation in the competition**

11.1. Educational and scientific institution interested in participation in the competition should prepare their applications using the Program application portal.

Instructions for preparing an application for participation in the competitions using the Program application portal is published on the Specialized website of the Program.

11.2. The documents comprising an application for participation in the competition should be presented in Russian and English languages unless otherwise specified by the Competition documentation. Submission of an application in only one of the specified languages or in any other language can serve as a reason for declaring such application not compliant with the requirements set by the Competition documentation.

The document prescribed by clause 10.1.2.4 of the Competition documentation should be submitted in Russian OR English language.

If documents prescribed by clauses 10.1.2.4 and 10.1.2.5 of the Competition documentation were originally composed in other languages, the application for participation in the competition should include translations of such documents into Russian or English alongside with original documents or copies thereof in original languages. If there is no translation of aforementioned documents into Russian and English in the application for participation in the competition, those documents are considered not submitted.

If the documents prescribed by clauses 10.2 of the Competition documentation were originally composed in a language other than English, the application for participation in the competition should include translations of such documents into English alongside with original documents or copies thereof in original languages. If there is no translation of aforementioned documents into English in the application for participation in the competition, those documents are considered not submitted.

Documents prescribed by clauses 10.1.6 and 10.1.7 of the Competition documentation should be submitted in Russian.

11.3. The amount of funding requested by the participant of the competition should be indicated in the application for participation in the competition in Russian rubles and should not exceed the maximum allowed amount (including maximum yearly amounts) specified by clause 1.2 of the Competition documentation.

11.4. Documents comprising an application for participation in the competition should be printed on paper, signed (according to the form and the content of a document) by an authorized person on behalf the participant of the competition and (or) the leading scientist and stamped with the seal if the participant of the competition (if applicable).

The document prescribed by clause 10.17 of the Competition documentation should be printed on letterhead of corresponding organization and should be signed by an authorized employee of this organization.

The power of attorney should be compliant with the requirements set by articles 185 – 187 of the Civil Code of the Russian Federation.

Usage of facsimile signatures on documents of an application for participation in the competition is not allowed.

11.5. The document prescribed by clause 10.1.7 the Competition documentation should be printed on letterhead of corresponding organization and should be signed by an authorized employee of this organization.

## **12. Submitting an application for the competition**

12.1. Applications for participation in the competition are submitted documents prescribed by chapter 10 of the Competition documentation to the Program application portal in the form of PDF-files (full version of the application) and sending a document according to Form 1 «Application for participation in the competition» (clause 10.1 of the Competition documentation) in paper form to the Specialized organization (short version of the application).

12.2. The application campaign for participation in the competition **begins on 20 June 2019 and ends at 14 hours 000 minutes on 01 August 2019 (Moscow time)**.

12.3. Applications for participation in the competition in the paper form (short version of the application) should be submitted in sealed envelopes.

The envelope containing the application for participation in the competition should be should be annotated with the title «Application for participation in the open competition for grants from the Government of the Russian Federation for state support of scientific research conducted under supervision of leading scientists in Russian institutions of higher education, scientific foundations and state research centers of the Russian Federation (7<sup>th</sup> stage)».

12.4. If an application for participation in the competition is sent in written form (short version of the application) to the Specialized organization by mail the participant of the competition bears the risk of the application being delivered to the Specialized organization after the deadline of the competition application campaign indicated in clause 12.2 of the Competition documentation.

12.5. Participants of the competition should ensure storage of documents forming the application for participation in the competition in paper form that comprise the full version of the application for participation in the competition at the location of the participant for the period prescribed by the legislation of the Russian Federation.

Upon request from the organizer of the competition or other authorized persons participants of the competition should present stored application documents for verification of identity between contents of the stored application and the application submitted to the Program application portal.

## **13. Changing and withdrawing application an application for the competition**

13.1. A participant of the competition has the right to change its submitted application for participation in the competition or withdraw in accordance with the order prescribed by chapter 13 of the Competition documentation.

13.2. Changes to an application for participation in the competition should be formalized and submitted in accordance with requirements on preparation of applications prescribed in the Competition documentation.

13.3. Changes to an application should be sent to the Specialized organization in paper form in a sealed envelope annotated with the title «Changes to the application for participation in the open competition for grants from the Government of the Russian Federation for state support of scientific research conducted under supervision of leading scientists in Russian institutions of higher education, scientific foundations and state research centers of the Russian Federation (7<sup>th</sup> stage)».

13.4. In case of withdrawal of an application, a written notification containing the number of the withdrawn application should be sent to the Specialized organization. The notification should be sent by an authorized representative of the educational or scientific institution and stamped with the seal of the organization (if applicable). If a cancellation notification is sent by an authorized

representative under a power of attorney, a copy of a well-formed power of attorney should be attached to the cancellation notification.

An application for participation in the competition is not considered withdrawn if a notification of withdrawal of the application breaches aforementioned requirements.

#### **14. Expert assessment of documents comprising applications for participation in the competition**

14.1. Expert assessment of documents submitted as part of applications for participation in the conference is conducted in two stages.

14.2. The first stage of the assessment lasts for 10 business days after the end of the competition application campaign at the location of the Specialized organization. At the first stage the Competition commission reviews compliance of the documents submitted by the participants of the competition with requirements prescribed in the Competition documentation.

14.3. An application for participation in the competition can be rejected in the following cases:

14.3.1. The application was received after the end of the prescribed period of the application campaign.

14.3.2. The application was submitted within the prescribed period of the application campaign only in electronic or only in paper form.

14.3.3. The application for participation in the competition submitted in electronic form does not include the documents prescribed by clauses 10.1.1 – 10.1.7 of the Competition documentation.

14.3.4. The application for participation in the competition does not contain information designated by forms of documents, is not signed by an authorized employee of the organization (organ) and (or) the leading scientist (according to the form and the content of a document).

14.3.5. The participant of the competition and (or) the leading scientist and (or) the proposed scientific research project does not comply with the requirements prescribed by the Competition documentation.

14.3.6. Documents comprising the application for participation in the competition contain significant contradictions.

14.3.7. The requested amount of funding exceeds the maximum allowed amount (including maximum yearly amounts) specified by clause 1.2 of the Competition documentation.

14.4. In case during assessment of documents comprising an application for participation in the competition the Competition commission find circumstances specified in clauses 14.3.1 – 14.3.7 of the Competition documentation the application of the corresponding participant of the competition will be rejected.

14.5. The competition will be considered canceled in case all the submitted applications for participation in the competition are rejected by the Competition commission or only one application for participation is declared compliant with the requirements of the Competition documentation as a result of the assessment of documents by the Competition commission.

14.6. The second stage of the assessment lasts for 40 business days after the end of the first stage at the location of the Specialized organization. During the second stage the Specialized organization engages experts for assessment of documents submitted as part of applications not rejected at the first stage. The following criteria are used for assessment of applications at the second stage:

	<b>Evaluation criteria</b>	<b>Subject of the evaluation criteria</b>	<b>Number of points</b>
<b>1.</b>	<b>Academic achievements, work experience of the leading scientist and the key members of the academic staff</b>		<b>0-50</b>
1.1.	Academic achievements and level of scientific publications of the leading scientist in the selected research domain	<p>Evaluated aspects:</p> <ul style="list-style-type: none"> <li>– the level of scientific results of the leading scientist and their adequacy to the world class level in the selected research domain;</li> <li>– publication activity of the leading scientist and rankings of academic journals that publish the leading scientist's articles</li> <li>– adequacy of levels of academic journals and publication activity to indicators typical for leaders in the selected research domain;</li> <li>– prestigious scientific prizes, awards and medals received by the leading scientist</li> </ul>	0-25
1.2.	Experience of the leading scientist in management of academic teams and staff training	<p>Evaluated aspects:</p> <ul style="list-style-type: none"> <li>– administrative experience of the leading scientist in creating world class academic teams (laboratories, research groups, etc.);</li> <li>– experience in management of scientific projects;</li> <li>– existence of doctors and candidates of sciences supervised by the leading scientist</li> <li>– tutoring experience in leading Russian and foreign university</li> </ul>	0-15
1.3.	Academic achievements and the level of scientific publications of the key members of the research team	<p>Evaluated aspects:</p> <ul style="list-style-type: none"> <li>– qualifications and publication activity of the key members of the academic teams</li> <li>– the role of the leading members of the academic teams in work on the scientific research project</li> </ul>	0-10
<b>2.</b>	<b>Scientific research project</b>		<b>0-30</b>
2.1.	Relevance of the planned scientific research project and significance of expected results for priority directions of scientific and technological development of the Russian Federation	<p>Evaluated aspects:</p> <ul style="list-style-type: none"> <li>– relevance of the planned scientific research project and its adequacy with the modern state of the world science</li> <li>– possibility of achievement of new, breakthrough scientific (and technological) results and their importance (contribution) for implementing priority directions of scientific and technological development of the Russian Federation;</li> <li>– demand for results of the scientific research project on the scale of world science (economics).</li> </ul>	0-15

2.2.	Proposed approaches for achieving declared results of the scientific research project, feasibility of the proposed scientific research project	Evaluated aspects: – degree of novelty of approaches and methods for solving the stated task, their adequacy with common practice around the world; – level of detail and accuracy of the scientific research plan, its feasibility within the set time limits using proposed methods; – adequacy of the requested amount of funding; – numerical values of target indicators of the grant; adequacy of assumed obligations to achieving target indicator values.	0-15
<b>3.</b>	<b>Organization's obligation to create the laboratory</b>		<b>0-20</b>
3.1.	Viability of creation of a laboratory in the selected domain of scientific research	Viability of creation of a laboratory in the selected domain of scientific research in terms of specifics and domain of activities of the organization, experience in conducting research project in the domain of the proposed project	0-10
3.2.	Plan for creation and development of a laboratory	Level of detail and feasibility of the plan for creating a laboratory within the project for the medium term including obligations of the organization to supply necessary room to accommodate the laboratory and conducting scientific research, equipment at the laboratory etc.	0-5
3.3.	Obligations of the organization to additionally finance the laboratory	Amount of funding from the organization that is additionally allocated for creation of the laboratory and implementation of the scientific research project	0-5

14.7. The Competition commission forms expert groups of independent experts specializing in different domains. Each of the expert groups should include at least 2 Russian and 2 foreign experts specializing in the corresponding research domain and assigns chairs of each of the expert groups.

The chair of an expert group assigns experts for assessment of each application for participation in the competition assigned to the expert group. Applications for participation in the competition are assessed by each expert personally and independently of other experts. Each expert should compile a separate report in the prescribed form according to results of assessment, signs the report and sends it to the chair of the expert group.

The chair of the expert group reviews the reports presented by the experts, forms a cumulative application assessment report, signs it and sends it to the Competition commission.

14.8. Within one business day from the receipt of a cumulative application assessment report from a chair of an expert group the Competition commission checks completeness of data in the cumulative report and sends the cumulative application assessment report alongside with the application for participation in the competition to the Council for determination of the winners of the competition and the amount of the grants allocated to them.

14.9. Information concerning the results of the competition is published at the Official website of the Ministry of Science and Higher Education of the Russian Federation as well as at the Specialized website of the Program.

Within two banking days from signing of the Council meeting protocol the Specialized organization sends notifications concerning the result of the competition and the procedure of signing of agreements according to the results of the competition.



## **15. Signing of agreements in accordance with the results of the Competition**

15.1. A grant allocation agreement is signed between the Ministry of Science and Higher Education of the Russian Federation and a winner of the competition (recipient of the grant) in accordance with the form approved by the Ministry of Science and Higher Education of the Russian Federation within 14 business days from the decision of the Ministry of Science and Higher Education of the Russian Federation to sign such an agreement with the winner of the competition (clause 15.4 of the Competition documentation).

15.2. As of the 1st of the month preceding the month for which the signing of the agreement with a winner of the competition is planned, the winner should not:

15.2.1. Be a foreign legal entity or a Russian legal entity with aggregate share of in the authorized capital exceeding 50 per cent owned by foreign legal entities registered in a state (territory) that is listed by the Ministry of Finance of the Russian Federation as a state (territories) with tax exemptions or not requiring disclosure of financial operations.

15.2.2. Receive funding from the budgets of budgetary system of the Russian Federation from which allocation of the grant is planned in accordance with other legislative acts for objectives indicated by clause 1.2 of the Competition documentation.

15.2.3. Have overdue debts related to return of funding to budgets of the budgetary system of the Russian Federation from which allocation of grants, subsidies, budgetary investments including those provided in accordance with other legislative acts is planned or overdue debt to budgets of the budgetary system of the Russian Federation from which allocation of the grant is planned.

15.2.4. Have unfulfilled obligations to pay taxes, fees, insurance contributions, penalty interest, fines and interest due in accordance with the taxes and duties legislation of the Russian Federation.

15.2.5. Undergo liquidation or bankruptcy.

15.3. The following documents should be submitted the Ministry of Science and Higher Education of the Russian Federation by a winner of the competition for signing of an agreement:

15.3.1. A certificate signed by the chief executive of the organization or any other authorized person proving that 15.2. as of the 1st of the month preceding the month for which the signing of the agreement the winner of the competition is not undergoing liquidation or bankruptcy.

15.3.2. A certificate indicating absence unpaid taxes, fees, insurance contributions, penalty interest, fines and interest due in accordance with the taxes and duties legislation of the Russian Federation. The certificate should be signed by the chief executive of the organization or another authorized employee of the organization, the chief accountant or an employee of the organization performing accounting functions.

15.3.3. A certificate proving absence of overdue debts related to return of funding to budgets of the budgetary system of the Russian Federation from which allocation of grants, subsidies, budgetary investments including those provided in accordance with other legislative acts is planned or any other overdue debt to the federal budget. The certificate should be signed by the chief executive of the organization or another authorized employee of the organization, the chief accountant or an employee of the organization performing accounting functions.

15.4. The Ministry of Science and Higher Education of the Russian Federation reviews documents specified in clauses 10.1.7, 15.3.1 – 15.3.3 of the Competition documentation within 14 business days and decides whether an agreement should be signed with the winner of the competition or whether the signing agreement should be cancelled

15.5. Signing of an agreement a winner of the competition can be cancelled if:

15.5.1. The winner does not comply with requirements on grant recipients prescribed by the Grant Allocation Rules and the Competition documentation.

15.5.2. Documents submitted by the winner are not compliant with requirements prescribed by the Grant Allocation Rules and the Competition documentation or failure to submit (or incomplete submission) of the prescribed documents (except for the certificate prescribed by clause

15.3.2 of the Competition documentation – in case the certificate is not provided the Ministry of Science and Higher Education of the Russian Federation will request the corresponding document independently).

15.5.3. Information provided in documents submitted by the winner of the competition is not credible.

15.6. Grant allocation agreements are signed in the form of electronic documents in the state integrated information public finance management system «Electronic budget».

15.7. The winner of the competition should sign the grant allocation agreement in form of electronic document using its enhanced electronic signature and additionally sends electronic copies (in the form of PDF files) of the following paper documents:

15.7.1. An order/instruction for creation of a laboratory and formation of a scientific division (indicating the list of the staff) for implementation of the scientific research project.

15.7.2. An order/instruction for allocation of a room to host the laboratory and implement the scientific research project (indicating the location of the allocated room).

15.7.3. A notification signed by the leading scientist confirming suitability of the room allocated the educational or scientific organization for implementation of the scientific research project.

15.8. A winner of the competition which failed to sign a grant allocation agreement in the form of an electronic document within the specified time period and (or) failed to submit electronic copies of the documents specified by clauses 15.7.1 – 15.7.3 of the Competition documentation to the Specialized organization is considered avoiding signing the grant allocation agreement.

15.9. A winner of the competition has the right to refuse to sign a grant allocation agreement in accordance the result of the competition.

In case of refusal to sign a grant allocation agreement the right to sign such an agreement can be transferred to another participant of the competition upon a decision upon a decision of the Council.

A grant allocation agreement is signed with another participant of the competition pursuant to an additional decision of the Council is signed in accordance with chapter 15 of the Competition documentation.

### III. FORMS OF DOCUMENTS FOR APPLICANTS FOR THE COMPETITION

#### Form 1. Application for participation in the competition

Ministry of Science and Higher Education  
of the Russian Federation

##### APPLICATION FOR PARTICIPATION IN THE COMPETITION

for grants from the Government of the Russian Federation for state support of scientific research conducted under supervision of leading scientists in Russian institutions of higher education, scientific foundations and state research centers of the Russian Federation  
(7<sup>th</sup> stage)

Registration number \_\_\_\_\_

\_\_\_\_\_  
(full name of the educational or scientific institution – participant of the competition)

hereinafter referred to as «the Organization» represented by \_\_\_\_\_, acting under \_\_\_\_\_, submits an application for participation in the competition for grants from the Government of the Russian Federation for state support of scientific research conducted under supervision of leading scientists in Russian institutions of higher education, scientific foundations and state research centers of the Russian Federation (7<sup>th</sup> stage) in accordance with the conditions specified in the Announcement of the competition and the Competition documentation.

1. Information on the scientific research project:

1.1. Priority direction of scientific and technological development of the Russian Federation

\_\_\_\_\_  
1.2. Area of studies \_\_\_\_\_

1.3. Direction (topic) of the scientific research project \_\_\_\_\_

1.4. Results of the scientific research project:

publication of at least \_\_ articles in the selected domain of the scientific research project in academic journals indexed by the Web of Science Core Collection database and (or) filing at least \_\_ applications for patents for inventions, useful models or pre-production prototypes within 18 months from the commencement of the scientific research project;<sup>9</sup>

publication of at least \_\_ articles in the selected domain of the scientific research project in academic journals indexed by the Web of Science Core Collection database and (or) filing at least \_\_ applications for patents and (or) obtaining a patent within 30 months from the commencement of the scientific research project.<sup>9</sup>

2. Information on the leading scientist recruited by the Organization for supervision of the scientific research project:

2.1. \_\_\_\_\_

(surname, name and patronymic (if applicable) of the leading scientist, information on the identity document, predominant place of residence. of the leading scientist)

<sup>9</sup> The numerical value is determined on the basis of requirements on results of the scientific research project indicated in clause 5.7 of the Competition documentation.

- 2.2. Duration of full-time presence of the recruited leading scientist at the laboratory of the Organization for supervision of the scientific research project:  
in 2019 – at least \_\_\_ days (in aggregate);  
in 2020 – at least \_\_\_ days (in aggregate);  
in 2021 – at least \_\_\_ days (in aggregate).<sup>10</sup>
- 2.3. The application for participation in the competition includes the declaration of the leading scientist confirming compliance with requirements on leading scientists recruited for supervision of the scientific research project set by the Competition documentation as well as the consent of the leading scientist to assume the obligation to supervise the laboratory and the scientific research project hosted by the Organization under the conditions specified in the application for participation in the competition.
3. The requested amount of funding from the federal budget for implementation of the scientific research project under supervision of the leading scientist over the 3 years between 2019 and 2021 and creation of a laboratory within the structure of the Organization under supervision of the leading scientist for conducting research in the selected scientific domain is:
- |         |                                     |
|---------|-------------------------------------|
| in 2019 | _____ million rubles,               |
| in 2020 | _____ million rubles,               |
| in 2021 | _____ million rubles.               |
| Total:  | _____ million rubles. <sup>11</sup> |
4. The Organization declares that:  
it is not undergoing liquidation, bankruptcy;  
the proposed scientific research project submitted to the Program must be unique (does not repeat / duplicate any scientific research project implemented by the Organization in the current period or earlier by means of support from the budgetary system of the Russian Federation or other sources of funding).
5. In case the present application for participation in the competition is declared a winner, the Organization assumes the following obligations:
- 5.1. To sign a grant allocation agreement with the Ministry of Science and Higher Education of the Russian Federation in the manner prescribed by the Competition documentation.
- 5.2. Secure continuous funding of the scientific research project according to the approved expenditure plan of the project.
- 5.3. Provide rooms in suitable condition for implementation of the scientific research project as well as to ensure access to experimental facilities necessary for implementation of the scientific research project for the academic staff.
- 5.4. Provide at least two positions for young scientist (39 years of age or younger) in the staff of the created laboratory with funding from the subsidy for completion of governmental assignments.
- 5.5. Sign labor agreements or free independent contractor agreements with the leading scientist and the key members of the academic staff.

---

<sup>10</sup>The duration of full-time presence of the leading scientist at the laboratory of the educational or scientific institution for supervision of the scientific research project is determined in accordance with requirements on the minimum duration prescribed by clauses 5.5.1 – 5.5.4 of the Competition documentation.

<sup>11</sup> The requested amount of funding should not exceed the maximum allowed amount (including maximum yearly amounts) specified by clause 1.2 of the Competition documentation.

- 5.6. Pay remuneration to the members of the academic staff for implementation of the scientific research project in accordance with amount and quality of work contributed by each member of the academic staff.
  - 5.7. Expend the grant funding only with the consent of the leading scientist who supervises the scientific research project.
  - 5.8. Ensure further functioning and development of the laboratory after the completion of the scientific research project over the following three years and to provide reports in the approved form concerning research conducted at the laboratory and achieved results of the research to the Ministry of Science and Higher Education of the Russian Federation.
6. Documents of the application for participation in the competition in the paper form and composing the full version of the application for participation in the competition should be stored at the location of the Organization during the period prescribed by the legislation of the Russian Federation.

Upon request from the Ministry of Science and Higher Education of the Russian Federation or other authorized persons Organization should present stored application documents for verification of identity between contents of the stored application and the application submitted to the Program application portal.

On behalf of \_\_\_\_\_  
full name of the educational or scientific institution

\_\_\_\_\_  
position of the authorized person

\_\_\_\_\_  
signature of the authorized person

\_\_\_\_\_  
surname followed by initials of the authorized person

## Form 2. Declaration of the leading scientist

Ministry of Science and Higher Education  
of the Russian Federation

### DECLARATION OF THE LEADING SCIENTIST

I, \_\_\_\_\_,  
surname, name and patronymic (if applicable) of the leading scientist and information on the identification document

notify the Ministry of Science and Higher Education of the Russian Federation that I am familiar with the application for participation in the competition for grants from the Government of the Russian Federation for state support of scientific research conducted under supervision of leading scientists in Russian institutions of higher education, scientific foundations and state research centers of the Russian Federation (7<sup>th</sup> stage) (registration number \_\_\_\_\_), submitted by

\_\_\_\_\_  
full name of the scientific or educational institution

(hereinafter referred to as «the Organization») and express my consent to assume liability to supervise the scientific research project in accordance with the conditions indicated in the application for participation in the competition including full-time presence at the laboratory of the Organization for supervision of the scientific research project:

in 2019 – at least \_\_\_ days (in aggregate);

in 2020 – at least \_\_\_ days (in aggregate);

in 2021 – at least \_\_\_ days (in aggregate).

Declare that:

I have informed the organization for which I work on a permanent basis of his/her intent to a scientific research project submitted to the Program as the supervisor of the project (with full-time presence at the laboratory of the educational or scientific institution over the prescribed time period) and at the time of the submission of the application for participation in the competition have not received an objection against my participation in the scientific research project under conditions indicated in the notification;<sup>12</sup>

I have not indicated my participation in other scientific research projects submitted to the competition for grants from the Government of the Russian Federation for state support of scientific research conducted under supervision of leading scientists in Russian institutions of higher education, scientific foundations and state research centers of the Russian Federation (7th stage);

I have not already won another competition for grant from the Government of the Russian Federation for state support of scientific research conducted under supervision of leading scientists in Russian institutions of higher education, scientific foundations and state research centers of the Russian Federation in 2010 – 2017;

I am not a member of the Grant Council of the Government of the Russian Federation for state support of scientific research conducted under supervision of leading scientists in institutions of higher education, scientific institutions, and state research centers of the Russian Federation or a member of the Competition commission;

<sup>12</sup> The aforementioned requirement does not apply to leading scientists who do not have a permanent employer or who are planning to terminate their current labor relationship due to participation in the scientific research project. The leading scientist should submit a written statement as a part of the application for participation in the Program (footnote 8 to clause 10.1.2.4 of the present Competition documentation).

I am not the supervisor of any scientific project (chief executive of a department of complex research programs of an organization) supported by the Russian Science Foundation that will not be completed until 31 December 2019;

At the date of the submission of the application I am not the leading scientist is collaborating pursuant to a labor agreement or a free independent contractor agreement with an organization on the territory of the same federal subject of the Russian Federation in which the Organization is located;

The proposed scientific research project submitted to the Program must be unique (does not repeat / duplicate any scientific research project implemented by the Organization in the current period or earlier by means of support from the budgetary system of the Russian Federation or other sources of funding).

In accordance with Federal Law No. 152-FZ of 27 July 2006 «On personal data» I express my consent for processing of my personal data submitted by the Organization as a part of the application for participation in the competition by the Ministry of Science and Higher Education of the Russian Federation and (or) third parties authorized by it for purposes of conducting the competition and execution of the grant allocation agreement signed in accordance with the results of the competition as well as for adding my personal data to the database of the Ministry of Science and Higher Education of the Russian Federation containing information on leading scientists recruited to Russian institutions of higher education, scientific foundations and state research centers of the Russian Federation for implementation of measures of state support designated by the Decree of the Government of the Russian Federation No. 220 of 09 April 2010.

Attachments:

1. CV of the leading scientist.
2. Information on academic achievements and work experience of the leading scientist (in accordance with Form 3 of section III of the Competition documentation).
3. A copy of the notification sent by the leading scientist to the organization for which he/she works on a permanent basis concerning the leading scientist's intent to participate in the scientific research project submitted to the competition (with full-time presence at the laboratory of the Organization for the period of implementation the scientific research project)..

*or*

Declaration of absence of a permanent employer at the date of submission of the application for participation in the competition or intent to terminate the current labor relationship due to participation in the scientific research project for the whole period of its implementation.

4. Copies of pages of the leading scientist's national identity document indicating the name, the surname, and the patronymic (if applicable) of the leading scientist as well as the place of his/her residence.

Leading scientist

---

signature

---

surname followed by initials of the leading scientist

## Form 3. Scientific achievements and work experience of the leading scientist

### 1. Information on the leading scientist

#### 1.1. Personal data

Surname:  
Name:  
Patronymic:  
Date of birth:  
Citizenship:  
Citizenship (for persons holding a dual citizenship):

#### 1.2. Education

Education, name of the university and year of graduation:  
Degree:  
Academic title:

#### 1.3. Place of residence

Country:  
Region (for the Russian):  
Postal address:  
Phone number:  
E-mail:

#### 1.4. Place of work

Full name of the organization:  
Position:  
County:  
Region (for the Russian Federation):  
Postal address:  
Phone number:  
E-mail:  
Fax:

#### 1.5. Previous places of work:<sup>13</sup>

	Country	Organization	Position	Years of work (start year – end year)
1.				
2.				

#### 1.6. Scientometric indicators

ResearcherID:<sup>14</sup>

Variations of spelling of the full name of the leading scientist in English indicated by the leading scientist in scientific publications (comma-separated variations list):

Areas of scientific interest:<sup>15</sup>

h-index:<sup>16</sup>

Number of publications in journals indexed by the Web of Science Core Collection database:

<sup>13</sup> The information should be provided for previous places of work in the period between 2014 and 2019.

<sup>14</sup> To obtain a ResearcherID registration at the website is required: <http://www.researcherid.com>

<sup>15</sup> Keywords describing the specialization of the leading scientist.

<sup>16</sup> At the time of the submission of the application according to the Web of Science Core Collection database,



Number of citations in journals indexed by the Web of Science Core Collection database:  
 Number of publications in 2014 – 2019 in journals indexed by the Web of Science Core Collection database:

in journals from the first quartile (Q1):

in journals from the second quartile (Q2):

in the corresponding area of studies in the Web of Science Core Collection database.<sup>17</sup>

**1.7. Additional information on the leading scientist:** \_\_\_\_\_

**2. Academic achievements of the leading scientist**

**2.1. Academic activity of the leading scientist and his/her main academic achievements:**<sup>18</sup>

**2.2. Academic prizes and awards received by the leading scientist:**<sup>19</sup>

	Name of the prize/award	Awarding organization	Year	Achievement for which the prize/award was received
1.				
2.				

**3. Publication activity of the leading scientist in 2014 – 2019**

**3.1. Articles by the leading scientist published in 2014 – 2019 in academic journals indexed by the Web of Science Core Collection database:**<sup>20</sup>

	Author of the publication	Name of the publication	Year of publication	Name of the journal	Impact-factor of the journal <sup>21</sup>	Summary of the article <sup>22</sup>
1.						
2.						

**3.2. Monographs by the leading scientist published in 2014 – 2019 in academic journals indexed by the Web of Science Core Collection database:**

	Authors of the monograph	Name of the monograph	Year of publication	Publishing house	Short annotation to the monograph
1.					
2.					

<sup>17</sup> The number of publications in journals from the first and the second quartiles (Q1 and Q2) in the area of studies corresponding to the research domain indicated in the application for participation in the competition according to the Web of Science Core Collection database (from the data presented in the personal profile on the ResearcherID specialized information resource).

<sup>18</sup> Activities of the leading scientist in the selected research domain, most important achieved results.

<sup>19</sup> Prestigious scientific prizes and awards received by the leading scientist.

<sup>20</sup> For areas of studies belonging to categories «Natural and exact sciences», «Engineering and technology», «Medicine and health sciences», «Agricultural sciences» – publications (of «article» and «review» type) from the first and the second quartile (Q1 and Q2) in the area of studies of the Web of Science Core database corresponding to or related to the area of studies of the submitted application for participation in the competition.

For areas of studies belonging to categories «Social sciences», «Humanities» – all the publications in the corresponding to or related to the area of studies of the submitted application for participation in the competition.

<sup>21</sup> According to data from the Web of Science Core Collection database.

<sup>22</sup> Abstract/summary of the corresponding publication.

**List of monographs (chapters in monographs) by the leading scientist published in 2014 – 2019 in journals not indexed by the Web of Science Core Collection database:**

	Authors of the monograph	Name of the monograph	Year of publication	Publishing house	Short annotation to the monograph
1.					
2.					

**3.3. International conferences where the leading scientist delivered presentations in 2014 – 2019<sup>23</sup>**

	Name of the conference	Venue and date of the conference	Name of the presentation	Type of the presentation (plenary or session)
1.				
2.				

**4. Experience of the leading scientist in management of academic teams**

**4.1. Experience of the leading scientist in creation of academic teams:<sup>24</sup>** \_\_\_\_\_

**4.2. Projects competed of currently implemented under supervision of the leading scientist:<sup>25</sup>**

	Name of the project	Amount of funding <sup>26</sup>	Source of funding	Life span of the project (start year – end year)	Main results of the project <sup>27</sup>
1.					
2.					

**5. Experience of the leading scientist in training scientific and pedagogical staff**

**5.1. Teaching experience of the leading scientist:**

	Name of the university	Name of the position	Name of the course	Period of work (start year – end year)
1.				
2.				

<sup>23</sup> A maximum of 10 plenary or section presentation by the leading scientist in the area of studies of the proposed scientific research project at leading international conferences should be listed.

<sup>24</sup> Administrative experience of the leading scientist in creation of world-class scientific teams (laboratories, work groups etc.).

<sup>25</sup> A maximum of 10 major projects previously or currently supervised by the leading scientist.

<sup>26</sup> The amount of funding and the currency in which the project was/is funded.

<sup>27</sup> A short description of the most important results achieved in the course of implementation of the project.

**5.2. Experience of the leading scientist in supervising doctors of sciences or candidates of sciences:<sup>28</sup>**

	Full name	Topic of the dissertation	Type of dissertation (candidate or doctor)	Organization	Year of defense
1.					
2.					

Leading scientist \_\_\_\_\_  
signature

\_\_\_\_\_ surname followed by initials of the leading scientist

<sup>28</sup> \_\_\_\_\_  
Doctors of sciences or candidates of sciences supervised by the leading scientist.

## Form 4. Academic achievements and work experience of the key members of the academic staff<sup>29</sup>

### 1. Plan for formation the academic team for implementation of the scientific research project:<sup>30</sup>

---

### 2. List of the key members of the academic staff:<sup>31</sup>

	Full name	Position, degree, academic title	Year of birth	Place of work and position <sup>32</sup>	ResearcherID	h-index <sup>33</sup>	Number of publications <sup>34</sup>	Role in implementation of the project
1.								
2.								
3.								

### 3. Publication activity of the key member of the academic staff in 2014 – 2019

#### 3.1. List of the most important articles by the key members of the academic staff in 2014 – 2019:<sup>35</sup>

	Authors of the article	Name of the article	Year of publication	Name of the journal	Impact-factor of the journal <sup>36</sup>	Summary of the article <sup>37</sup>
1.						
2.						

<sup>29</sup> The key members of the academic staff are the members of staff who possess key competences, who are highly qualified and who comprise the «core» of the academic staff that defines viability the scientific research project.

<sup>30</sup> Description of the plan of formation of the academic team including a list of necessary competences, substantiation of the total number of members and composition of academic staff etc.

<sup>31</sup> List of the key members of the academic staff who will be recruited for implementation of the scientific research project. In case the application is declared a winner of the competition the listed persons should be included into the academic staff for implementation of the proposed scientific research project on the basis of an order or an instruction issued by the organization. Substitution of key members of the scientific staff is allowed only under exceptional circumstances with written notification of the Ministry of Science and Higher Education of the Russian Federation provided that the level of qualification of the scientific staff will not be reduced as a consequence of such substitution . At the same time, the requirements on the composition of the staff for implementation of the scientific research project.

<sup>32</sup> The place of work and the position before the invitation to join the academic staff of the laboratory.

<sup>33</sup> At the time of the submission of the application according to the Web of Science Core Collection database.

<sup>34</sup> The number of publications in the area of studies of the proposed scientific research project in 2014 – 2019 in scientific journals indexed by the Web of Science Core Collection database (from the data presented in the personal profile on the ResearcherID specialized information resource).

<sup>35</sup> A maximum of 10 most important articles in the area of studies of the proposed scientific research project in journals indexed by the Web of Science Core Collection database.

<sup>36</sup> According to the Web of Science Core Collection database

<sup>37</sup> An abstract/summary of the corresponding article.

**3.2. List of monographs (chapters in monographs) by key members of the academic staff published in 2014 – 2019**

	Authors of the monograph	Name of the monograph	Year of publication	Publishing house	Short annotation to the monograph
1.					
2.					

**3.3. International conferences where key members of the academic staff delivered presentations in 2014 – 2019<sup>38</sup>**

	Name of the conference	Venue and date of the conference	Name of the presentation	Full name of the presenter	Type of the presentation (plenary or section)
1.					
2.					

On behalf of \_\_\_\_\_  
full name of the scientific or educational institution

APPROVED BY

\_\_\_\_\_  
position of the authorized person

Leading scientist

\_\_\_\_\_  
signature of the authorized person ( \_\_\_\_\_ )  
surname followed by the initials of  
the authorized person

\_\_\_\_\_  
signature of the leading scientist ( \_\_\_\_\_ )  
surname followed by the initials  
of the leading scientist

<sup>38</sup> A maximum of 10 plenary or section presentation by the leading scientist in the area of studies of the proposed scientific research project at leading international conferences should be listed.

## Form 5. Description of the scientific research project

### 1. Generation information on the scientific research project

- 1.1. Priority direction of scientific and technological development of the Russian Federation:
- 1.2. Area of studies:
- 1.3. Direction (topic) of the scientific research project:
- 1.4. Keywords:<sup>39</sup>
- 1.5. Goals and objectives of the scientific research project:
- 1.6. Expected results of the scientific research project:<sup>40</sup>

### 2. Description of the scientific research project

- 2.1. Description of the problem that the project is aimed at solving:
- 2.2. Compliance of the scientific research project with priorities of scientific and technological development of the Russian Federation:<sup>41</sup>
- 2.3. Description of the proposed scientific research project:
- 2.4. Description of scientific approaches and methods used for solving the set problems:

### 3. Description of infrastructure necessary for creation of the laboratory and implementation of the scientific research project:<sup>42</sup>

### 4. List and characteristics of purchased equipment and substantiation of necessity of its purchase for fulfillment of the target indicators and achievement of set objectives:

### 5. List of work within the scientific research project performed by third party organizations.

On behalf of \_\_\_\_\_  
full name of the scientific or educational institution

\_\_\_\_\_  
position of the authorized person

\_\_\_\_\_  
signature of the authorized person ( \_\_\_\_\_ )  
the authorized person

APPROVED BY

Leading scientist

\_\_\_\_\_  
signature of the leading scientist ( \_\_\_\_\_ )  
of the leading scientist

<sup>39</sup> Keywords (4-8 words) expressing the substantive content of the scientific research project reflecting the scientific discipline, topic, objective of the scientific research project

<sup>40</sup> Including expected inventions, patents, know-hows etc.

<sup>41</sup> Substantiation of the focus of the scientific research project on solving concrete problems according to priorities of scientific and technological development of the Russian Federation specified by the Strategy of scientific and technological development of the Russian Federation (approved by the Presidential Decree of the Russian Federation No. 642 of 01 December 2016) aimed at development of innovation economics of the Russian Federation and training highly qualified professionals who possess competences necessary for participation in the process of solution of such problems.

<sup>42</sup> Requirements on technical characteristics of the room for allocation of the laboratory and implementation of the scientific research project, equipment and facilities etc.

### Form 6. Work plan of the scientific research project

	Content of work	Planned result of scientific research and work/events aimed at conducting scientific research at the stage	Period of implementation (start date – end date)	Amount of grant funding expended on conducting scientific research at the stage (million rubles)	Amount of additional funding expended on conducting scientific research at the stage (million rubles) <sup>43</sup>
1.	List of work conducted using grant funding		__.__.2019 - 31.12.2019	XXXXXXXXXX	
	List of work conducted using additional funding <sup>43</sup>			XXXXXXXXXX	
2.	List of work conducted using grant funding		01.01.2020 - 31.12.2020	XXXXXXXXXX	
	List of work conducted using additional funding <sup>43</sup>			XXXXXXXXXX	
3.	List of work conducted using grant funding		01.01.2021 - __.__.2021	XXXXXXXXXX	
	List of work conducted using additional funding <sup>43</sup>			XXXXXXXXXX	

On behalf of \_\_\_\_\_  
full name of the scientific or educational institution

\_\_\_\_\_  
position of the authorized person

\_\_\_\_\_  
signature of the authorized person ( \_\_\_\_\_ )  
surname followed by the initials of the authorized person

APPROVED BY

Leading scientist

\_\_\_\_\_  
signature of the leading scientist ( \_\_\_\_\_ )  
surname followed by the initials of the leading scientist

<sup>43</sup> Indicated in case additional funding is used for conducting the scientific research project.

## Form 7. List of key performance indicators of the scientific research project

	Name of the performance indicator	unit	year 2019	year 2020	year 2021
1.	Number of candidates of sciences permanently working within the academical staff of the laboratory <sup>44</sup>	ppl			
2.	Number of postgraduates studying the educational or scientific institution permanently working within the academical staff of the laboratory <sup>44</sup>	ppl			
3.	Number of students of the educational or scientific institution permanently working within the academical staff of the laboratory <sup>39</sup>	ppl			
4.	Number of articles by the leading scientist in scientific magazines indexed by the Web of Science Core Collection database written in collaboration with member of the scientific staff of the laboratory in the selected field of studies or written independently by members of the academic staff of the laboratory in the selected field of studies <sup>45</sup>	pcs			
	including the number of articles in scientific journals from the first quartile (Q1) in terms of impact factor of the corresponding JS of the Web of Science Core Collection database	pcs			
	including the number of articles in scientific journals from the seconds quartile (Q2) in terms of impact factor of the corresponding JS of the Web of Science Core Collection database	pcs			
5.	Number of new educational programs developed and implemented in the selected field of studies of the scientific research project	pcs			
6.	Number of doctor of science dissertations submitted for defense before to a dissertation council by members of the academic staff of the laboratory in the selected field of studies of the scientific research project	pcs			
7.	Number of candidate of science dissertations submitted for defense before to a dissertation council by members of the academic staff of the laboratory in the selected field of studies of the scientific research project	pcs			
8.	Number of members of the academic staff admitted to postgraduate and doctoral schools in the selected field of studies of the scientific research project	ppl			
9.	Number of registered objects of intellectual property or applications for registration of objects of intellectual property in the selected research domain authored by members of the academic staff of the laboratory including the number of applications for patents for inventions, useful models, or pre-production prototypes in the selected research domain authored by members of the academic staff.	pcs			
10.	Number of grants received by the laboratory and supervised by members of the academic staff of the laboratory over the course of completion of project	pcs			
11.	Number of commercial agreements and (or) contracts completed by members of the academic staff of the laboratory over the course of completion of the scientific research project	pcs			

On behalf of \_\_\_\_\_  
full name of the scientific or educational institution

**APPROVED BY**

\_\_\_\_\_  
position of the authorized person

Leading scientist

\_\_\_\_\_  
signature of the authorized person      ( \_\_\_\_\_ )  
surname followed by the initials of  
the authorized person

\_\_\_\_\_  
signature of the leading scientist      ( \_\_\_\_\_ )  
surname followed by the initials  
of the leading scientist

<sup>44</sup> The value of this indicator is determined in accordance with requirements on competition of the academic staff prescribed by clause 5.4 of the Competition documentation.

<sup>45</sup> The value of this indicator is determined in accordance with requirements on results of the academic staff prescribed by clause 5.7 of the Competition documentation.



### Form 8. Expenditure plan of the scientific research project

Name of the item of expenditure	Total, million rubles	Including, million rubles		Including, million rubles					
				2019		2020		2021	
		grant funding	additional funding for implementation of the scientific research project <sup>46</sup>	grant funding	additional funding for implementation of the scientific research project <sup>46</sup>	grant funding	additional funding for implementation of the scientific research project <sup>46</sup>	grant funding	additional funding for implementation of the scientific research project <sup>46</sup>
Payment of remuneration to the leading scientist and members of the academic staff of the Laboratory including taxes and other social transfers (not more than 60 per cent of the amount of the grant)									
Purchase of equipment necessary for implementation of the scientific research project									
Purchase of materials and replacement parts for equipment necessary for implementation of the scientific research project									
Expenses incurred in connection with business trips of the leading scientist and member of the academic staff of the Laboratory for the purposes of the scientific research project									
Training and professional development of the academic staff of the Laboratory									
Participation of the leading scientist and members of the academic staff of the laboratory in conferences, scientific seminars and symposiums									

<sup>46</sup> In the case of attracting additional funding for implementation of the scientific research project

Organization of conferences, scientific seminars, symposiums conducted by the academic staff in the laboratory's research domain									
Publication of scientific articles and issue of monographs by the leading scientist and (or) members of the academic staff of the laboratory devoted to results achieved in the course of the scientific research project in the research domain of the laboratory									
Works associated with implementation of the scientific research project performed by third-party organizations (not more than 5 per cent of the amount of the grant)									
Minor renovation of rooms of the laboratory as well as other expenses directly associated with implementation the scientific research project (not more than 5 per cent of the amount of the grant)									
Total:									

On behalf of \_\_\_\_\_  
full name of the scientific or educational institution

\_\_\_\_\_  
position of the authorized person

\_\_\_\_\_  
signature of the authorized person ( \_\_\_\_\_ )  
surname followed by the initials of  
the authorized person

APPROVED BY

Leading scientist

\_\_\_\_\_  
signature of the leading scientist ( \_\_\_\_\_ )  
surname followed by the initials  
of the leading scientist

## **Form 9. Liability of the educational / scientific organization to create a laboratory**

1. Substantiation of feasibility of creation of a laboratory in the selected field of studies within the structure of the educational / scientific organization:
2. Plan for creation and development of the laboratory<sup>47</sup>:
3. Plan for additional funding of the laboratory<sup>48</sup>:

On behalf of \_\_\_\_\_  
full name of the scientific or educational institution

\_\_\_\_\_  
position of the authorized person

\_\_\_\_\_  
signature of the authorized person

\_\_\_\_\_  
surname followed by the initials of the authorized person

---

<sup>47</sup> The plan for creation and development of the laboratory should be described; liabilities of the organization including allocation of necessary rooms, equipment and facilities of the laboratory, provision of scientific equipment etc.

<sup>48</sup> The amount of additional funding secured for creation of the laboratory and implementation of the scientific research project as well as planned item of expenditure for the aforementioned funding

## Form 10. Annotation of the application for participation in the competition

### 1. Information on the leading scientist

#### 1.1. Personal data

Surname:

Name:

Patronymic (if applicable):

Date of birth:

Citizenship:

Citizenship (for persons holding a dual):

#### 1.2. Education

Education, name of the university and year of graduation:

Degree:

Academic title:

#### 1.3. Place of residence

Country:

#### 1.4. Place of work

Full name of the organization:

Position:

Country:

#### 1.5. Scientific activity

ResearcherID:

Areas of scientific interest<sup>49</sup>:

h-index<sup>50</sup>:

Overall number of articles in journals indexed by the Web of Science Core Collection database:

Number of citations of articles indexed by the Web of Science Core Collection database:

Number of articles published in 2014 – 2019 in journals indexed by the Web of Science Core Collection database:

Number of articles in journals indexed by the Web of Science Core Collection database published in 2014 - 2019:

in journals of the first quartile (Q1):

in journals of the second quartile (Q2):

in the corresponding area of studies in the Web of Science Core Collection database.<sup>51</sup>

#### 1.6. Experience of the leading scientist in management of scientific research projects<sup>52</sup>:

	Name of the project	Amount of funding <sup>53</sup>	Source of funding	Period of implementation (start date – end date)	Main results of the project <sup>54</sup>
1.					

<sup>49</sup> Keywords describing the specialization of the leading scientist.

<sup>50</sup> According to the Web of Science Core Collection database at the time of submission of the application.

<sup>51</sup> The number of publications in journals from the first and the second quartiles (Q1 and Q2) in the area of studies corresponding to the research domain indicated in the application for participation in the competition according to the Web of Science Core Collection database (from the data presented in the personal profile on the ResearcherID specialized information resource)..

<sup>52</sup> A maximum of 10 major projects previously or currently supervised by the leading scientist.

<sup>53</sup> The amount of funding and the currency in which the project was/is funded.

<sup>54</sup> A short description of the most important results achieved in the course of implementation of the project.

**1.7. Experience of the leading scientist in supervising doctors of sciences or candidates of sciences:<sup>55</sup>**

1.7.1. Number of prepared doctors of sciences:

1.7.2. Number of prepared candidates of sciences:

**1.8. Additional information on the leading scientist<sup>56</sup>:**

**2. Description of the scientific research project**

2.1. Priority direction of scientific and technological development of the Russian Federation:

2.2. Area of studies:

2.3. Direction (topic) of the scientific research project<sup>57</sup>:

2.4. Keywords<sup>58</sup>:

2.5. Short description of the project (including goals, objectives, and expected results)<sup>59</sup>:

2.6. Amount of the grant: \_\_\_\_\_ (million rubles)

2.7. Amount of secured additional funding: \_\_\_\_\_ (million rubles)

2.8. Duration of full-time presence of the leading scientist at the laboratory of the educational/scientific institution for supervision of the scientific research project at least:

in 2019 \_\_\_\_\_ days

in 2020 \_\_\_\_\_ days

in 2021 \_\_\_\_\_ days

**3. Information on the educational/scientific organization**

3.1. Full name of the organization:

The responsible person appointed by the organization for contacts (full name, position, phone number, e-mail):

3.2. Substantiation of feasibility of creation of a laboratory in the selected field of studies within the structure of the organization<sup>60</sup>:

On behalf of \_\_\_\_\_  
full name of the scientific or educational institution

APPROVED BY

Leading scientist

\_\_\_\_\_  
position of the authorized person

\_\_\_\_\_  
signature of the authorized person

( \_\_\_\_\_ )  
surname followed by the initials of  
the authorized person

\_\_\_\_\_  
signature of the leading scientist

( \_\_\_\_\_ )  
surname followed by the initials  
of the leading scientist

<sup>55</sup> Number of prepared doctors and candidates of science supervised by the leading scientist.

<sup>56</sup> Any significant additional information on the leading scientist including information on scientific awards and prizes etc. The length of the text should not be more than 1200 characters.

<sup>57</sup> Name of the project.

<sup>58</sup> Keywords (4-8 words) expressing the substantive content of the scientific research project reflecting the scientific discipline, topic, objective of the scientific research project.

<sup>59</sup> Not more than 3500 characters including spaces.

<sup>60</sup> Not more than 1500 characters including spaces.

**Appendix 1. Recommended values of scientometric indicators for substantiation of the status of the leading scientist**

	Field of studies	Values of scientometric indicators of the leading scientist
<b>1. Natural and exact sciences</b>		
1.1.	Mathematics	<ol style="list-style-type: none"> <li>1. h-index – at least 10.</li> <li>2. Publications of «article» and «review» types in the period between 2014 and 2019 – at least 5 in journals from the first quartile (Q1) or the second quartile (Q2) of the Web of Science Core Collection database with at least 2 of them in journals from the first quartile (Q1).</li> </ol>
1.2	Computer and information technologies	<ol style="list-style-type: none"> <li>1. h-index – at least 10.</li> <li>2. Publications of «article» and «review» types in the period between 2014 and 2019 – at least 5 in journals from the first quartile (Q1) of the Web of Science Core Collection database</li> </ol>
1.3	Physics	<ol style="list-style-type: none"> <li>1. h-index – at least 20.</li> <li>2. Publications of «article» and «review» types in the period between 2014 and 2019 – at least 8 in journals from the first quartile (Q1) of the Web of Science Core Collection database</li> </ol>
1.4	Space sciences	<ol style="list-style-type: none"> <li>1. h-index – at least 20.</li> <li>2. Publications of «article» and «review» types in the period between 2014 and 2019 – at least 8 in journals from the first quartile (Q1) of the Web of Science Core Collection database</li> </ol>
1.5	Chemistry	<ol style="list-style-type: none"> <li>1. h-index – at least 20.</li> <li>2. Publications of «article» and «review» types in the period between 2014 and 2019 – at least 5 in journals from the first quartile (Q1) of the Web of Science Core Collection database</li> </ol>
1.6	Earth studies and related environmental studies	<ol style="list-style-type: none"> <li>2. h-index – at least 18.</li> <li>3. Publications of «article» and «review» types in the period between 2014 and 2019 – at least 5 in journals from the first quartile (Q1) of the Web of Science Core Collection database</li> </ol>
1.7	Biology.	<ol style="list-style-type: none"> <li>1. h-index – at least 20.</li> <li>2. Publications of «article» and «review» types in the period between 2014 and 2019 – at least 5 in journals from the first quartile (Q1) of the Web of Science Core Collection database</li> </ol>
<b>2. Engineering and technology</b>		
2.1	Construction and architecture	<ol style="list-style-type: none"> <li>1. h-index – at least 10.</li> <li>2. Publications of «article» and «review» types in the period between 2014 and 2019 – at least 4 in journals from the first quartile (Q1) of the Web of Science Core Collection database</li> </ol>

2.2	Electrical engineering, electronics and information technologies	<ol style="list-style-type: none"> <li>1. h-index – at least 10.</li> <li>2. Publications of «article» and «review» types in the period between 2014 and 2019 – at least 10 in journals from the first quartile (Q1) of the Web of Science Core Collection database</li> </ol>
2.3	Mechanics and machinery	<ol style="list-style-type: none"> <li>1. h-index – at least 10.</li> <li>2. Publications of «article» and «review» types in the period between 2014 and 2019 – at least 4 in journals from the first quartile (Q1) of the Web of Science Core Collection database</li> </ol>
2.4	Chemical technologies	<ol style="list-style-type: none"> <li>1. h-index – at least 20.</li> <li>2. Publications of «article» and «review» types in the period between 2014 and 2019 – at least 5 in journals from the first quartile (Q1) of the Web of Science Core Collection database</li> </ol>
2.5	Mechanics and machinery	<ol style="list-style-type: none"> <li>1. h-index – at least 15.</li> <li>2. Publications of «article» and «review» types in the period between 2014 and 2019 – at least 5 in journals from the first quartile (Q1) of the Web of Science Core Collection database</li> </ol>
2.6	Medical technologies	<ol style="list-style-type: none"> <li>1. h-index – at least 20.</li> <li>2. Publications of «article» and «review» types in the period between 2014 and 2019 – at least 10 in journals from the first quartile (Q1) of the Web of Science Core Collection database</li> </ol>
2.7	Energy and environmental management	<ol style="list-style-type: none"> <li>1. h-index – at least 10.</li> <li>2. Publications of «article» and «review» types in the period between 2014 and 2019 – at least 5 in journals from the first quartile (Q1) of the Web of Science Core Collection database</li> </ol>
2.8	Ecological and industrial biotechnologies	<ol style="list-style-type: none"> <li>1. h-index – at least 15.</li> <li>2. Publications of «article» and «review» types in the period between 2014 and 2019 – at least 5 in journals from the first quartile (Q1) of the Web of Science Core Collection database</li> </ol>
2.9	Nanotechnologies	<ol style="list-style-type: none"> <li>1. h-index – at least 20.</li> <li>2. Publications of «article» and «review» types in the period between 2014 and 2019 – at least 8 in journals from the first quartile (Q1) of the Web of Science Core Collection database</li> </ol>
<b>3. Medicine and health sciences</b>		
3.1	Fundamental medicine	<ol style="list-style-type: none"> <li>1. h-index – at least 25.</li> <li>2. Publications of «article» and «review» types in the period between 2014 and 2019 – at least 10 in journals from the first quartile (Q1) of the Web of Science Core Collection database</li> </ol>

3.2	Clinical medicine	<ol style="list-style-type: none"> <li>1. h-index – at least 20.</li> <li>2. Publications of «article» and «review» types in the period between 2014 and 2019 – at least 10 in journals from the first quartile (Q1) of the Web of Science Core Collection database</li> </ol>
3.3	Health sciences	<ol style="list-style-type: none"> <li>1. h-index – at least 20.</li> <li>2. Publications of «article» and «review» types in the period between 2014 and 2019 – at least 10 in journals from the first quartile (Q1) of the Web of Science Core Collection database</li> </ol>
3.4	Medical biotechnologies	<ol style="list-style-type: none"> <li>1. h-index – at least 25.</li> <li>2. Publications of «article» and «review» types in the period between 2014 and 2019 – at least 10 in journals from the first quartile (Q1) of the Web of Science Core Collection database</li> </ol>
<b>4. Agricultural sciences</b>		
4.1	Agriculture, forestry, fisheries	<ol style="list-style-type: none"> <li>1. h-index – at least 8.</li> <li>2. Publications of «article» and «review» types in the period between 2014 and 2019 – at least 3 in journals from the first quartile (Q1) of the Web of Science Core Collection database</li> </ol>
4.2	Cattle breeding and dairy industry	<ol style="list-style-type: none"> <li>1. h-index – at least 5.</li> <li>2. Publications of «article» and «review» types in the period between 2014 and 2019 – at least 3 in journals from the first quartile (Q1) of the Web of Science Core Collection database</li> </ol>
4.3	Veterinary medicine	<ol style="list-style-type: none"> <li>1. h-index – at least 5.</li> <li>2. Publications of «article» and «review» types in the period between 2014 and 2019 – at least 1 in journals from the first quartile (Q1) of the Web of Science Core Collection database</li> </ol>
4.4	Agricultural biotechnologies	<ol style="list-style-type: none"> <li>1. h-index – at least 15.</li> <li>2. Publications of «article» and «review» types in the period between 2014 and 2019 – at least 5 in journals from the first quartile (Q1) of the Web of Science Core Collection database</li> </ol>
<b>5. Social sciences</b>		
5.1	Psychology	Publications of «article» and «review» type or monographs (over the period between 2014 and 2019) – at least 3 in journals indexed by the Web of Science Core Collection database.
5.2	Economics and business	Publications of «article» and «review» type or monographs (over the period between 2014 and 2019) – at least 5 in journals indexed by the Web of Science Core Collection database.
5.3	Pedagogics	Publications of «article» and «review» type or monographs (over the period between 2014 and 2019) – at least 3 in journals indexed by the Web of Science Core Collection database.



5.4	Sociology	Publications of «article» and «review» type or monographs (over the period between 2014 and 2019) – at least 5 in journals indexed by the Web of Science Core Collection database.
5.5	Law	Publications of «article» and «review» type or monographs (over the period between 2014 and 2019) – at least 3 in journals indexed by the Web of Science Core Collection database.
5.6	Political science	Publications of «article» and «review» type or monographs (over the period between 2014 and 2019) – at least 3 in journals indexed by the Web of Science Core Collection database.
5.7	Social and economic geography	Publications of «article» and «review» type or monographs (over the period between 2014 and 2019) – at least 3 in journals indexed by the Web of Science Core Collection database.
5.8	Mass media and mass communications	Publications of «article» and «review» type or monographs (over the period between 2014 and 2019) – at least 3 in journals indexed by the Web of Science Core Collection database.
<b>6. Humanities</b>		
6.1	History and archaeology	Publications of «article» and «review» type or monographs (over the period between 2014 and 2019) – at least 3 in journals indexed by the Web of Science Core Collection database.
6.2	Linguistics and literature	Publications of «article» and «review» type or monographs (over the period between 2014 and 2019) – at least 3 in journals indexed by the Web of Science Core Collection database.
6.3	Philosophy, ethics, religion	Publications of «article» and «review» type or monographs (over the period between 2014 and 2019) – at least 3 in journals indexed by the Web of Science Core Collection database.
6.4	Arts	Publications of «article» and «review» type or monographs (over the period between 2014 and 2019) – at least 3 in journals indexed by the Web of Science Core Collection database.

## Appendix 2. List of scientific domains for state support of scientific research

	Priority	Clause	Area of studies	Code
1.	The transition to advanced digital, intelligent production technologies, robotic systems, new materials and methods of construction, creation of systems for processing large volumes of data, machine learning and artificial intelligence	1.1.	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE	EP
		1.2.	COMPUTER SCIENCE, CYBERNETICS	ER
		1.3.	AUTOMATION & CONTROL SYSTEMS	AC
		1.4.	COMPUTER SCIENCE, THEORY & METHODS	EX
		1.5.	COMMUNICATION	EU
		1.6.	INFORMATION SCIENCE & LIBRARY SCIENCE	NU
		1.7.	PHYSICS, MATHEMATICAL	UR
		1.8.	LOGIC	QL
		1.9.	MATHEMATICS	PQ
		1.10.	MATHEMATICS, APPLIED	PN
		1.11.	ROBOTICS	RB
		1.12.	MECHANICS	PU
		1.13.	ENGINEERING, MULTIDISCIPLINARY	IF
		1.14.	INSTRUMENTS & INSTRUMENTATION	OA
		1.15.	SPECTROSCOPY	XQ
		1.16.	ENGINEERING, ELECTRICAL & ELECTRONIC	IQ
		1.17.	MATERIALS SCIENCE, COMPOSITES	QH
		1.18.	MATERIALS SCIENCE, CERAMICS	PK
		1.19.	METALLURGY & METALLURGICAL ENGINEERING	PZ
		1.20.	MATERIALS SCIENCE, TEXTILES	QJ
		1.21.	MATERIALS SCIENCE, CHARACTERIZATION & TESTING	QF
		1.22.	MATERIALS SCIENCE, COATINGS & FILMS	QG
		1.23.	POLYMER SCIENCE	UY
		1.24.	MATERIALS SCIENCE, MULTIDISCIPLINARY	PM
		1.25.	CRYSTALLOGRAPHY	FI
		1.26.	PHYSICS, CONDENSED MATTER	UK
		1.27.	NANOSCIENCE & NANOTECHNOLOGY	NS
2.	The transition to environmentally friendly and resource-saving energy, improving the efficiency of extraction and deep processing of hydrocarbon raw materials, development of new sources, ways of transportation and energy storage	2.1.	THERMODYNAMICS	DT
		2.2.	PHYSICS, PARTICLES & FIELDS	UP
		2.3.	PHYSICS, ATOMIC, MOLECULAR & CHEMICAL	UH
		2.4.	OPTICS	SY
		2.5.	PHYSICS, FLUIDS & PLASMAS	UF
		2.6.	GEOCHEMISTRY & GEOPHYSICS	GC
		2.7.	MINING & MINERAL PROCESSING	ZQ
		2.8.	ENGINEERING, GEOLOGICAL	IX

		2.9.	GEOSCIENCES, MULTIDISCIPLINARY	LE
		2.10.	CHEMISTRY, ANALYTICAL	EA
		2.11.	CHEMISTRY, APPLIED	DW
		2.12.	CHEMISTRY, INORGANIC & NUCLEAR	EC
		2.13.	MINERALOGY	RE
		2.14.	ENERGY & FUELS	ID
		2.15.	ENGINEERING, PETROLEUM	IP
3.	The transition to personalized medicine, high-technology health and technology health savings, including through the rational use of drugs (especially antibacterial)	3.1.	REPRODUCTIVE BIOLOGY	WF
		3.2.	BIOPHYSICS	DA
		3.3.	BIOTECHNOLOGY & APPLIED MICROBIOLOGY	DB
		3.4.	CELL & TISSUE ENGINEERING	
		3.5.	MATERIALS SCIENCE, BIOMATERIALS	QE
		3.6.	BIOCHEMISTRY & MOLECULAR BIOLOGY	CQ
		3.7.	VIROLOGY	ZE
		3.8.	GENETICS & HEREDITY	KM
		3.9.	CHEMISTRY, MEDICINAL	DX
		3.10.	CARDIAC & CARDIOVASCULAR SYSTEMS	DQ
		3.11.	NEUROSCIENCES	RU
		3.12.	ONCOLOGY	DM
		3.13.	TRANSPLANTATION	YP
		3.14.	PHARMACOLOGY & PHARMACY	TU
		3.15.	PHYSIOLOGY	UM
		3.16.	CELL BIOLOGY	DR
		3.17.	MEDICINE, RESEARCH & EXPERIMENTAL	QA
		3.18.	DEVELOPMENTAL BIOLOGY	HY
		3.19.	MATHEMATICAL & COMPUTATIONAL BIOLOGY	MC
		3.20.	BIOLOGY	CU
4.	The transition to a highly productive and environmentally friendly agro - and aquafarm, development and implementation of systems for the rational use of chemical and biological protection of agricultural plants and animals, storing and efficient processing of agricultural products, the creation of safe and high quality, including functional, food	4.1.	AGRICULTURE, DAIRY & ANIMAL SCIENCE	AD
		4.2.	AGRICULTURAL ENGINEERING	AE
		4.3.	AGRONOMY	AM
		4.4.	MARINE & FRESHWATER BIOLOGY	PI
		4.5.	LIMNOLOGY	OU
		4.6.	PLANT SCIENCES	DE
		4.7.	SOIL SCIENCE	XE
		4.8.	VETERINARY SCIENCES	ZC
		4.9.	CHEMISTRY, PHYSICAL	EI
		4.10.	CHEMISTRY, ORGANIC	EE
		4.11.	ENGINEERING, CHEMICAL	II
		4.12.	CHEMISTRY, MULTIDISCIPLINARY	DY

5.	Counteraction of technogenic, biogenic, social and cultural threats, terrorism and ideological extremism, as well as cyber threats and other hazards to society, economy and state	5.1.	PHYSICS, NUCLEAR	UN
		5.2.	NUCLEAR SCIENCE & TECHNOLOGY	RY
		5.3.	PHYSICS, APPLIED	UB
		5.4.	PHYSICS, MULTIDISCIPLINARY	UI
		5.5.	METEOROLOGY & ATMOSPHERIC SCIENCES	QQ
		5.6.	MICROBIOLOGY	QU
		5.7.	PLANNING & DEVELOPMENT	UQ
		5.8.	ECONOMICS	GY
		5.9.	INTERNATIONAL RELATIONS	OE
		5.10.	AREA STUDIES	BM
		5.11.	PUBLIC ADMINISTRATION	VM
		5.12.	POLITICAL SCIENCE	UU
		5.13.	SOCIAL ISSUES	WM
6.	The connectivity of the territory of the Russian Federation due to the creation of intelligent transport and telecommunication systems, as well as taking and holding leadership positions in the creation of international transport and logistics systems, the development and utilization of outer space and air space, the World ocean, Arctic and Antarctic	6.1.	ASTRONOMY & ASTROPHYSICS	BU
		6.2.	ACOUSTICS	AA
		6.3.	TRANSPORTATION SCIENCE & TECHNOLOGY	YR
		6.4.	TELECOMMUNICATIONS	YE
		6.5.	ENGINEERING, AEROSPACE	AI
		6.6.	ENGINEERING, MARINE	IL
		6.7.	OCEANOGRAPHY	SI
		6.8.	GEOLOGY	KY
		6.9.	ENGINEERING, MECHANICAL	IU
		6.10.	TRANSPORTATION	YQ
7.	The possibility of effective response of the Russian society at large calls with account of interaction of man and nature, man and technology, social institutions on the modern stage of global development, including using methods of the Humanities and Social sciences	7.1.	ANTHROPOLOGY	BF
		7.2.	EDUCATION & EDUCATIONAL RESEARCH	HA
		7.3.	EDUCATION, SCIENTIFIC DISCIPLINES	HB
		7.4.	PSYCHOLOGY, APPLIED	NQ
		7.5.	PSYCHOLOGY, MULTIDISCIPLINARY	VJ
		7.6.	SOCIOLOGY	XA
		7.7.	ART	BP
		7.8.	HUMANITIES, MULTIDISCIPLINARY	BQ
		7.9.	HISTORY	MM
		7.10.	HISTORY & PHILOSOPHY OF SCIENCE	MQ
		7.11.	LITERARY THEORY & CRITICISM	OX
		7.12.	LITERATURE	PA
		7.13.	LITERATURE, SLAVIC	QD
		7.14.	CULTURAL STUDIES	EN
		7.15.	PHILOSOPHY	UA