

“APPROVED BY”

Deputy Minister of education and science  
of the Russian Federation

\_\_\_\_\_ L. M. Ogorodova

March 11, 2016

## COMPETITION DOCUMENTATION

**regulating the terms and conditions of the open grant competition of the Government of the Russian Federation designed to provide governmental support to research projects implemented under the supervision of the world’s leading scientists at Russian institutions of higher learning, scientific research organizations subordinate to the RF Federal Agency for Scientific Research Organizations, and governmental research centers of the Russian Federation**

**(Round V)**

“APPROVED BY”

Director of the Department of science and technologies  
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Moscow, 2016

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## I. TERMS AND DEFINITIONS

**Open grant competition** – competitive disbursement of monetary grants of the Government of the Russian Federation for the purpose of supporting research projects implemented under the supervision of the world's leading scientists at Russian institutions of higher learning, scientific research organizations subordinate to the RF Federal Agency for Scientific Research Organizations, and governmental research centers of the Russian Federation.

**Grant of the Government of the Russian Federation** – funds made available to a competition winner (a Russian institution of higher learning or a scientific research organization subordinate to the RF Federal Agency for Scientific Research Organizations or a governmental research center of the Russian Federation) and paid thereto from the federal budget of the Russian Federation in the form of a subsidy designed to support a research project implemented under the supervision of one of the world's leading scientists at a Russian institution of higher learning or a scientific research organization subordinate to the RF Federal Agency for Scientific Research Organizations or a governmental research center of the Russian Federation.

**Grant Board** – Grant Board of the Government of the Russian Federation established for the purpose of supporting research projects implemented under the supervision of the world's leading scientists at Russian institutions of higher learning, scientific research organizations subordinate to the RF Federal Agency for Scientific Research Organizations, and governmental research centers of the Russian Federation in compliance with Resolution No.1922-r of the Government of the Russian Federation approved thereby on October 15, 2012.

**Official website of the RF Ministry of education and science** – the website of the Ministry of education and science of the Russian Federation located at the following URL: <http://минобрнауки.рф/>.

**Designated open grant competition website** – the website located at the following URL: [www.p220.ru](http://www.p220.ru).

**Grant application registration portal** – a special system with a user interface located at <http://konkurs.p220.ru> and designed to enable individuals willing to take part in the open grant competition to prepare and submit their grant applications remotely.

## **II. INFORMATION ABOUT THE GRANT COMPETITION**

### ***1. General provisions***

1. This open grant competition of the Government of the Russian Federation designed to support research projects implemented under the supervision of the world's leading scientists at Russian institutions of higher learning, scientific research organizations subordinate to the RF Federal Agency for Scientific Research Organizations, and governmental research centers of the Russian Federation (hereinafter referred to as "grant competition") is being held in compliance with Paragraph 4 and Paragraph 7 of Resolution No.220 of the Government of the Russian Federation approved thereby on April 9, 2010 that regulates the disbursement of monetary grants of the Government of the Russian Federation designed to support research projects implemented under the supervision of the world's leading scientists at Russian institutions of higher learning, scientific research organizations subordinate to the RF Federal Agency for Scientific Research Organizations, and governmental research centers of the Russian Federation.
2. The purpose of this grant competition is to identify, in compliance with approved procedures and regulations, the best research project proposal (proposals) submitted by an applicant (applicants) seeking support in the form of a grant of the Government of the Russian Federation.
3. Grants of the Government of the Russian Federation are made available in the amount of up to 90 million roubles each to support a research project over a period of three years (2017 – 2019) with the possibility of being renewed for an additional two years.
4. Each competition winner will execute a grant agreement with the Government of the Russian Federation in compliance with the form approved by Order No.913 of the RF Ministry of education and science of September 7, 2010.
5. The legal relationships between all parties involved in the open grant competition are regulated by applicable laws of the Russian Federation.

### ***II. Information about the grant competition organizer and designated contractor***

1. The grant competition is organized by the Ministry of education and science of the Russian Federation (hereinafter referred to as "RF Ministry of education and science").  
The mailing address and location of the RF Ministry of education and science is as follows: 11 Tverskaya Street, Moscow, 125993.  
  
The open grant competition liaison representing the RF Ministry of education and science is Mekhryakova, Irina Konstantinovna and her contact telephone number is +7 (495) 629-1636.
2. The limited liability company "Inkonsult K" (hereinafter referred to as "Inkonsult K" LLC) is the designated contractor responsible for providing organizational, technical, and information support to the open grant competition.  
The mailing address and location of "Inkonsult K" LLC is as follows: 3<sup>rd</sup> Kadashevsky Per. 8, Moscow, 115035.  
The contact person is Stasevich, Galina Alekseyevna whose telephone number is +7 (495) 989-7376.

### ***III. Participation eligibility requirements***

1. Russian institutions of higher learning, scientific research organizations subordinate to the RF Federal Agency for Scientific Research Organizations, and governmental research centers are eligible to take part in the open grant competition in concert with leading Russian and foreign scholars that are recognized by the global scientific community as authoritative and influential leaders within their respective fields of science and research areas.  
For the purposes of the open grant competition, entities that designed and submitted their grant applications in collaboration with one another in compliance with Paragraph 10.1 of the Competition Documentation are deemed as a single applicant.

2. A leading scientist may take part in one research project only. The number of research projects implemented on the basis of an institution of higher learning or research organization is not limited.
3. The following parties are not eligible to participate in the open grant competition:
  - a. Leading scientists that won the open grant competitions held by the Ministry of education and science of the Russian Federation on behalf of the Government of the Russian Federation with the view to support research projects implemented under the supervision of the world's leading scientists at Russian institutions of higher learning in 2010 - 2013;
  - b. Leading scientists that are members of the Grant Board of the Government of the Russian Federation established for the purpose of supporting research projects implemented under the supervision of the world's leading scientists at Russian institutions of higher learning, scientific research organizations subordinate to the RF Federal Agency for Scientific Research Organizations, and governmental research centers of the Russian Federation;
  - c. Institutions of learning and scientific research organizations that are subject to liquidation or reorganization via consolidation with other organizations in compliance with established procedures.
4. Leading scientists may not submit their grant applications in concert with any institutions of higher learning or any other eligible organizations located within the same subject of the Russian Federation<sup>1</sup> in which they were legally employed from 2010 until the application submission deadline accounted for hereby.

#### ***IV. Research project and research project implementation requirements***

1. Any research projects proposed hereunder may not duplicate any prior or current research projects financially supported by the federal, regional, or municipal governments of the Russian Federation or funded from other sources.
2. The Government of the Russian Federation will make its grants available to support successful research projects proposed for implementation within the following eligible scientific disciplines and research areas:
  - 4.2.1. **Natural sciences**
    - Mathematics.
    - Computer science and Information science.
    - Physics.
    - Space and Space research.
    - Chemistry.
    - Earth sciences and related ecological sciences.
    - Biology.
  - 4.2.2. **Technologies**
    - Construction and architecture.
    - Electrical engineering, electronics, and information technologies.
    - Mechanics and engineering.
    - Chemical technologies.
    - Material technologies.
    - Medical technologies.
    - Energy and rational nature management.
    - Ecological and industrial biotechnologies.
    - Nanotechnologies.
  - 4.2.3. **Medical science and health sciences**
    - Fundamental medicine.
    - Clinical medicine.
    - Health sciences.
    - Medical biotechnologies.

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<sup>1</sup> This restriction also applies to cases when both organizations (employer and university/research organization) are located:

- In Moscow and Moscow region,
- In St. Petersburg and Leningrad region,
- In Sevastopol and the Republic of Crimea.

- 4.2.4. **Agricultural sciences**  
 Agriculture, forestry, and fisheries.  
 Animal and dairy husbandry.  
 Veterinary science.  
 Agricultural biotechnologies.
- 4.2.5. **Social sciences**  
 Psychology.  
 Economics and business.  
 Pedagogics.  
 Sociology.  
 Law.  
 Political science.  
 Social and economic geography.  
 Mass media and mass communications.
- 4.2.6. **Humanities**  
 History and archeology.  
 Languages and literature.  
 Philosophy, ethics, and religion.  
 Art history.
3. Successful leading scientists planning to implement their research projects on the basis of institutions of higher learning must undertake to hire not less than two candidates of sciences, as well as three graduate students and three undergraduate students attending said institutions of higher learning, as their research project staff members.  
 Successful leading scientists planning to implement their research projects on the basis of research organizations must undertake to hire not less than three candidates of sciences and not less than four graduate students attending graduate schools under said research organizations as their research project staff members.  
 Throughout the entire project implementation period, not less than 40% of the project staff must be accounted for by young scientists (under 39 years of age inclusive).  
 Key project staff members may only be replaced in exceptional circumstances, with prior written consent of the RF Ministry of education and science, and provided that such replacement will not negatively affect the overall quality of the project staff as a group. Any such replacement must meet the requirements of the terms and conditions of the grant competition as applied to the composition of the project staff and implementation of the project.
4. Pursuant to the terms and conditions of the open grant competition, every applicant from among leading scientists must undertake to personally supervise the progress of his/her research project by being physically present at his/her host institution of higher learning and/or host research organization for a total of not less than:
- A total of 120 days<sup>2</sup> in each year of the project implementation period – for leading scientists residing permanently or predominantly outside the Russian Federation;
  - A total of 180 days<sup>2</sup> in each year of the project implementation period (except for the cases accounted for by Paragraph 4.4.C. and Paragraph 4.4.D. hereof) – for leading scientists residing permanently or predominantly within the Russian Federation;
  - A total of 360 days in each year of the project implementation period – for leading scientists residing in Moscow or Moscow region and proposing to implement their research projects on the basis of a host university or host research organization located in St. Petersburg or Leningrad region<sup>3</sup>;
  - A total of 360 days in each year of the project implementation period – for leading scientists residing in St. Petersburg or Leningrad region and proposing to implement their research projects on the basis of a host university or host research organization located in Moscow or Moscow region<sup>3</sup>.

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<sup>2</sup> Including weekends and statutory holidays falling within the period of the leading scientist's physical presence at the host university and/or host research organization.

<sup>3</sup> Including weekends and statutory holidays falling within the period of the leading scientist's physical presence at the host university and/or host research organization, as well as the leading scientist's annual paid vacation.

5. Host institutions of higher learning and/or research organizations must undertake to:
  - a. Ensure continuous funding of the research project in compliance with its approved budget;
  - b. Provide office space and access to laboratories and other experimental research facilities required to implement successful research projects proposed hereunder;
  - c. Designate at least three faculty or staff positions for their respective research projects that are paid using governmental subsidy funds made available thereto under public orders for the provision of works and/or services;
  - d. Execute service or (term) labor agreements with the leading scientist and the research project staff members enlisted thereby;
  - e. Compensate each member of the research project team in compliance with the quality and quantity of the work completed thereby under their respective projects.
- 4.6 Institutions of higher learning and research organizations may spend the funds made available thereto by the Government of the Russian Federation in the form of grants only in coordination with and upon consent of the leading scientists supervising the implementation of their respective research projects.
- 4.7 The total amount of compensation payable to the leading scientist and the members of the research project team (including taxes and mandatory social deductions) may not exceed 60 percent of the total amount of the grant.
- 4.8 Pursuant to the terms and conditions of the open grant competition, each leading scientist must undertake to publish at least three articles on the research project subject matter in a peer review journal referenced in the “Web of Science” database and (or) apply for two patents for an invention, utility model, or commercial prototype 18 months into the research project, as well as to publish at least five articles on the research project subject matter in a peer review journal referenced in the “Web of Science” database and (or) apply for at least three patents for an invention, utility model, or commercial prototype and (or) obtain a patent 30 months into the research project.
- 4.9 Successful applicants from among leading scientists shall be personally responsible for achieving the research project results specified in their project proposals and accounted for by their respective grant agreements with the Government of the Russian Federation.  
Successful applicants from among institutions of higher learning and research organizations shall be responsible for ensuring eligible expenditure of grant funds.
- 4.10 Upon completion of the scientific research projects funded hereunder, relevant host universities and research organizations must ensure further operation and development of the research laboratories established under their respective projects and report on the scientific research activities implemented at said laboratories, as well as their outcomes, to the RF Ministry of education and science in compliance with the reporting documentation forms approved thereby.

**V. *Grant competition participation costs***

1. Applicants are responsible for covering all costs incurred thereby in connection with their participation in the open grant competition, including their costs associated with preparation and submission of their grant applications.

**VI. *Explanation of the terms and conditions of the Competition Documentation***

1. Any entity willing to take part in the open grant competition in compliance with its terms and conditions may contact the RF Ministry of education and science in writing and request additional information concerning the terms and conditions of the Competition Documentation. The RF Ministry of education and science may be contacted by email as long as the request for additional information is documented in compliance with the established form, saved in the .PDF format and attached to the email message.
2. Such a request must include the following information:
  - a. Name of the competition and organizer;

- b. Name of the organization submitting the request, its location and address or the full name and address of the leading scientist;
  - c. The provision of the Competition Documentation requiring clarification;
  - d. Issues requiring clarification;
  - e. Preferred method of communication (regular mail, fax, email) and the relevant mailing address, fax number, email address to which a response can be forwarded.
3. Within five business days of receiving a request for clarification of the terms and conditions of the Competition Documentation the RF Ministry of education and science will forward its written response containing required clarifications and all additional information, provided the original request for clarifications, documented in compliance with all applicable requirements, was received by the RF Ministry of education and science not less than seven business days prior to the application submission deadline.

**VII. *Modifying the grant competition announcement and Competition Documentation***

1. The RF Ministry of education and science reserves the right to modify the Open Grant Competition Announcement and the Competition Documentation within the first half of the application submission period.
2. Any changes to the Open Grant Competition Announcement and the Competition Documentation will be posted on the official website of the RF Ministry of education and science and the designated open grant competition website within one day.
3. Individuals and entities willing to take part in the open grant competition must independently monitor the official website of the RF Ministry of education and science and the designated open grant competition website on account of any changes to the Open Grant Competition Announcement and the Competition Documentation that may be posted thereon.
4. The RF Ministry of education and science will be exempt from any liability for the failure of any applicants to familiarize themselves in a timely fashion with relevant changes to the Open Grant Competition Announcement and the Competition Documentation posted on the official website of the RF Ministry of education and science and the designated open grant competition website.

**VIII. *Terminating the grant competition procedure***

1. The RF Ministry of education and science reserves the right to discontinue the grant competition within the first half of the application submission period if the relevant limits of the federal budget funding allocated to the RF Ministry of education and science for the provision of subsidies are curtailed, if the terms and conditions of the grant competition are identified to require adjustment and/or amendment, as well as in other circumstances accounted for by the competition documentation.
2. If the RF Ministry of education and science decides to discontinue the competition a notice to that effect will be posted on the official website of the RF Ministry of education and science and the designated open grant competition website by not later than the day following the day on which said decision was made.
3. The envelopes containing grant applications submitted to the RF Ministry of education and science by the time it decided to terminate the competition will be opened if at least one applicant has requested that his/her grant application be returned thereto. Grant applications will be returned only to those applicants who specifically requested that their grant applications be returned thereto.

## ***IX. Grant application requirements***

1. A grant application must contain the following:
  - 9.1.1 Form 1, “Grant Application”;
  - 9.1.2 Documents pertaining to the leading scientist:
    - a. Leading scientist’s resume;
    - b. Form 2, “Leading scientist’s work experience and research achievements”;
    - c. A screenshot from the “Web of Science” database containing the leading scientist’s Citation Report;
    - d. Written consent of the leading scientist’s employer to his or her participation in the research project proposed hereunder, including his or her physical presence at the host institution for the period required for personal supervision of the laboratory and the research project in question<sup>4</sup>;
    - e. Copies of the pages of the leading scientist’s passport containing the leading scientist’s full name and place of residence information;
  - 9.1.3 Form 3, “Work experience and research achievements of the key project staff members”.
  - 9.1.4 Documents pertaining to the research project:
    - a. Form 4, “Research Project Description”;
    - b. Form 5, “Research Project Implementation Plan”;
    - c. Form 6, List of Research Project Efficiency Indicators”;
    - d. Form 7, “Research Project Budget”.
  - 9.1.5 Form 8, “Host organization’s responsibility to establish a research laboratory”;
  - 9.1.6 Document proving the authority of the signatory official to act on behalf of the applicant and sign grant application documents (election decision, appointment order – for an organization’s official authorized to act without the power of attorney (unless said official is specified in the abstract from the State Registry of Legal Entities, in which case no proof of authority is required); the power of attorney or its copy certified by a public notary – for all other individuals);
  - 9.1.7 Form 9, “Annotation to the project proposal”;
  - 9.1.8 Written consent of the body acting or authorized to act as the founder of the host university and/or research organization and assume the responsibilities accounted for by clauses A, B, D and E of Paragraph 4.5 of the Competition Documentation printed out on the founder’s official letterhead<sup>5</sup>.

## ***X. Preparing a grant application***

- 10.1 Grant applications that meet the competition selection criteria must be prepared and submitted by leading scientists in collaboration with their respective host institutions of higher learning or research organizations.
- 10.2 Individuals and entities willing to take part in the grant competition must prepare and submit their grant applications in electronic format using the grant application registration portal located at <http://konkurs.p220.ru>. Instructions on preparation of grant applications in electronic format using the application registration portal are available on the designated grant competition website.
- 10.3 Grant applications may be submitted in Russian and in English. Grant applications submitted only in one of the aforementioned languages or in any other languages will be disqualified by the Competition Commission as failing to meet the competition requirements.  
If any documents that are part of a grant application package are in languages other than Russian or English, they must be accompanied by certified translations into Russian and English.
- 10.4 The amount of federal funding requested by applicants in their grant applications must be specified in Russian roubles and may not exceed the maximum grant amount that may be made available under a grant agreement with the Government of the Russian Federation.

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<sup>4</sup> Leading scientists who are unemployed at the time of submitting their applications or who plan to terminate their labour relations with their current employers for the purpose of participation in their respective research projects for their respective implementation periods must submit a written application as part of their application package.

<sup>5</sup> This document must be submitted if the host university or research organization is not subordinate to the RF Ministry of education and science.

- 10.5 All application documents prepared using the grant application registration portal must be printed out on paper, signed by the leading scientist and the authorized representative of the host institution of higher learning or research organization and stamped with the organization's official seal. Facsimile images of relevant signatures may not be used to sign the grant application documents. Electronic copies of the grant application documents are prepared by scanning relevant paper documents and saving the resulting files in the .PDF format.
- 10.6 Contradictions and inconsistencies identified in grant application documents will be viewed by the Competition Commission as the applicant's failure to meet the selection requirements accounted for by the Competition Documentation.

## ***XI. Submitting a grant application***

- 11.1 Applicants must submit their grant applications by 12:00 Moscow time on May 31, 2016 as follows: Copies of documents accounted for by Paragraphs 9.1.1 – 9.1.8 of the Competition Documentation - electronically on the Grant application registration portal in .PDF format (full version); Form 1 (accounted for by Paragraph 9.1.1) and all applicable powers of attorney (accounted for by Paragraph 9.1.6) – in hardcopy delivered to the competition organizer's address (abridged version). Applicants must ensure that the electronic versions of their application documents submitted via the Application registration portal and their hardcopy equivalents submitted to the competition organizer's address are identical.
- 11.2 Each applicant must label the envelope containing the hardcopy of his/her grant application as follows: "Application for participation in the open grant competition of the Government of the Russian Federation designed to provide governmental support to research projects implemented under the supervision of the world's leading scientists at Russian institutions of higher learning, scientific research organizations subordinate to the RF Federal Agency for Scientific Research Organizations, and governmental research centers of the Russian Federation" (Round V).
- 11.3 A grant application:
- a. Received by the competition organizer past the designated deadline (accounted for by Paragraph 11.1 of the Competition Documentation),
  - b. Submitted only electronically via the Application registration portal or only in hardcopy delivered to the competition organizer by the designated deadline (accounted for by Paragraph 11.1 of the Competition Documentation) will be disqualified and will not be reviewed.
- 11.4 If a grant application submitted electronically via the Application registration portal does not contain the documents accounted for by Paragraphs 9.1.1 – 9.1.8 of the Competition Documentation, or if the documents included in the grant application were not prepared in compliance with the established forms and do not contain information required thereby, such a grant application will be disqualified by the Competition Commission as failing to meet the requirements accounted for by the Competition Documentation.

## ***XII. Changing and recalling a grant application***

- 12.1. Any application has the right to change or recall his or her grant application at any time before the grant application submission deadline (in compliance with Paragraph 11.1 of the Competition Documentation).
- 12.2. Any changes to a grant application must be documented in compliance with the grant application documentation requirements accounted for by the Competition Documentation.
- 12.3. When submitting a modified hardcopy version of his or her grant application to the competition organizer, the applicant must label the envelope as follows: "Changes to application for participation in the open grant competition of the Government of the Russian Federation designed to provide governmental support to research projects implemented under the supervision of the world's leading scientists at Russian institutions of higher learning, scientific research organizations subordinate to the RF Federal Agency for Scientific Research Organizations, and governmental research centers of the Russian Federation" (Round V).

- 12.4. In order to recall a grant application, the applicant must forward a written notice to the competition organizer indicating the grant application registration number. The notice must be signed by the leading scientist and the authorized representative of the host institution of higher learning or research organization and stamped with the round seal of the host institution of higher learning or research organization. If a notice recalling a grant application is signed by the authorized representative of a host institution of higher learning or research organization on the basis of the power of attorney, the notice recalling the grant application must be accompanied by the properly documented power of attorney. If an applicant submits a notice recalling his or her grant application in violation of the established rules, requirements and procedures, his or her grant application will not be deemed as recalled.

### ***XIII. Reviewing grant applications***

- 13.1 Within not more than 20 business days following the application submission deadline, the Competition Commission will screen all grant applications and the documents and information contained therein on account of their ability to meet the eligibility criteria accounted for by the Competition Documentation.
- 13.2 If necessary, the Competition Commission will request, within the timeframe accounted for the review of the grant applications submitted hereunder, that relevant applicants submit written clarifications regarding the documents and information contained in their applications in order to determine their ability to meet the eligibility criteria accounted for by the Competition Documentation.  
If relevant applicants fail to provide the written clarifications requested by the Competition Commission in a timely fashion, their applications will be disqualified from further review.
- 13.3 Having reviewed the documents and information contained in the grant applications the Competition Commission will identify:
- a. The applicants whose grant applications and research project proposals meet the eligibility and selection requirements accounted for by the Competition Documentation;
  - b. The applicants whose grant applications and research project proposals do not meet the eligibility and selection requirements accounted for by the Competition Documentation.
- 13.4 The screening results will be documented in the form of minutes to be signed by all members of the Competition Commission who took part in the screening.  
The screening results will be posted on the designated open grant competition website within not more than two business days of the signing of the minutes.
- 13.5 If, upon completion of the screening, the Competition Commission rejects all the grant applications received hereunder, the competition will be deemed to have not taken place.  
Information to that effect will be posted on the designated open grant competition website within not more than two business days of the adoption of the relevant decision by the Competition Commission.

### ***XIV. Evaluating grant applications***

- 14.1 The grant applications deemed by the Competition Commission to be in compliance with all applicable requirements will be subject to evaluation on account of their ability to meet the requirements of the Competition Documentation. Such evaluation will consist of two phases.
- 14.2 During phase one, the following scientific indicators of the leading scientist will be evaluated:

- a. For grant applications submitted within the following scientific disciplines: “Natural sciences”, “Technologies”, “Medical science and health sciences”, and “Agricultural sciences”:

Criterion	Points <sup>6</sup>
Leading scientist’s Hirsch index (as per the “Web of Science” database).  Number of articles and reviews published by the leading scientist in 2011 – 2016 in the periodicals referenced in the “Web of Science” database and falling within the first and second quartiles (Q1 and Q2) in terms of the JCR-2014 impact factor of the “Web of Science” subject area (theme) that corresponds with or is adjacent to the scientific discipline within which the project proposal was submitted.	0 - 100

- b. For grant applications submitted within “Social sciences” and “Humanities”:

Criterion	Points <sup>6</sup>
Number of articles, reviews and monographs published by the leading scientist in periodicals referenced in the “Web of Science” database subject area (theme) that corresponds with or is adjacent to the scientific discipline within which the project proposal was submitted.	0 - 100

- 14.3 By the end of phase one, all grant applications will be ranked in descending order by the total number of points assigned thereto.

The Grant Board will use the rankings to determine which project proposals will be allowed to enter the second phase of evaluation.

Information about the project proposals allowed to enter the second phase of evaluation will be posted on the designated open grant competition website within not more than two business days of endorsement of the relevant Grant Board meeting minutes.

- 14.4 The following criteria will be used to evaluate the project proposals during the second phase:

No.	Assessment criterion	Substance (requirements) of assessment criterion	Points
<b>1</b>	<b>Work experience and scientific achievements of the leading scientist and key project staff members</b>		<b>0-50</b>
1.1	Leading scientist’s research achievements and quality of publications within the project proposal’s field of research	Subject to assessment: quality of the leading scientist’s research achievements, how they stack against the achievements of other world’s leading scientists working within the same discipline/field of research; leading scientist’s publication activities and ratings of the scientific periodicals in which his works have been published; how said periodicals and leading scientist’s publications stack against those of the world’s leading scientists working within the same discipline/field of research; leading scientist’s prestigious scientific awards, prizes, medals, etc., if any.	0-25
1.2	Leading scientist’s experience in	Subject to assessment: leading scientist’s experience in creating and managing world-class research	0-15

<sup>6</sup> Prior to being evaluated, all project proposals will be grouped by scientific discipline. The maximum score is assigned to the project proposal with the greatest number of points assigned thereto for a given criterion. The scores of all other proposals within a group are determined in proportion to the greatest number of points assigned for a given criterion.

	managing and training research staff	teams (laboratories, research groups, etc.); leading scientist's experience in research project management; doctors and candidates of sciences trained by the leading scientist, if any; leading scientist's experience in teaching at leading national and international universities.	
1.3	Research achievements and quality of publications of the key research project staff members	Subject to assessment: qualifications and publications of the key project staff members; their role in the research project proposed hereunder.	0-10
<b>2</b>	<b>Scientific research project proposed for funding</b>		<b>0-30</b>
2.1	Relevance of proposed scientific research	Subject to assessment: relevance of the proposed research project from the point of view of the current status of global science; likelihood of achieving breakthrough world-class research results and their relevance in terms of global science and economy	0-15
2.2	Methods proposed to achieve the anticipated project results; likelihood of successful implementation of the project proposed hereunder	Subject to assessment: the extent of novelty of the methods and techniques proposed to achieve the anticipated project results, how they stack against the current world practice; how detailed and viable the research project implementation plan is; how likely the applicant is to implement the research project plan within the suggested timeframe and using the methods proposed thereby; how adequate the amount of requested project funding is and if it is excessive or insufficient to achieve the project goals and accomplish its objectives.	0-15
<b>3</b>	<b>Host organization's commitment to create a research laboratory</b>		<b>0-20</b>
3.1	Relevance and expedience of the proposed research laboratory	Subject to assessment: how expedient and relevant is the creation of the research laboratory at the host organization within the discipline/field of research proposed hereunder.	0-5
3.2	Research laboratory establishment and development plan	Subject to assessment: how detailed and viable is the host organization's plan to create and develop the proposed research laboratory in mid-term, including the host organization's commitment to provide requisite space, life-support and research equipment, etc.	0-10
3.3	Additional laboratory funding commitment	Subject to assessment: the amount of additional funding that the host organization commits to make available for the establishment of the research laboratory and implement the scientific research project proposed hereunder.	0-5

- 14.5 During the second phase of assessment, all eligible project proposals will be assessed in compliance with the rules and procedures accounted for by Order No.568 of the RF Ministry of education and science of May 26, 2010.  
All expert assessment statements prepared by the expert group will be forwarded by the Competition Commission to the Grant Board with the view to identify competition winners.
- 14.6 The Grant Board will review the expert assessment statements and identify the competition winners by November 30, 2016.
- 14.7 Information about the outcomes of the open grant competition will be posted on the official website of the RF Ministry of education and science, as well as the designated open grant competition website. In addition, the grant competition outcomes will be published in mass media and communicated directly to the grant competition winners.

## **15 *Executing a grant agreement***

- 15.1. The competition winners will execute grant agreements with the Government of the Russian Federation within 30 business days of the day of publication of information about the outcomes of the open grant competition on the official website of the RF Ministry of education and science and the designated open grant competition website.  
If necessary, the RF Ministry of education and science reserves the right to extend the period required to sign grant agreements by an additional 20 business days. The decision to extend the period required to sign grant agreements with the Government of the Russian Federation will be posted on the designated open grant competition website within one day of its adoption.
- 15.2. The competition winner must forward the grant agreement executed with the Government of the Russian Federation (in three copies) to the designated contractor within the timeframe established hereby.
- 15.3. Alongside the grant agreement executed with the Government of the Russian Federation, the competition winner must submit the following documents to the designated contractor:
- a. Order/directive (or a copy of the order/directive certified by the host organization) on the establishment of the research laboratory accounted for by the scientific research project supported hereunder and formation of a scientific research group responsible for the implementation of the research project in question (including the list of all project staff members);
  - b. Order/directive (or a copy of the order/directive certified by the host organization) on the provision of premises required for the implementation of the research project supported hereunder (including the physical location and address of said premises);
  - c. Leading scientist's written notice confirming that the premises provided by the host organization for the establishment of the research laboratory and implementation of the scientific research project supported hereunder is adequate and acceptable.
- 15.4. Competition winners who fail to submit their grant agreements with the Government of the Russian Federation endorsed thereby and/or any requisite additional documents in a timely fashion will be deemed to have failed to execute said agreements.
- 15.5. Any competition winner has the right to refuse to execute a grant agreement with the Government of the Russian Federation. In this case (as well as in the case when a competition winner has failed to execute said agreement), the right to execute a grant agreement with the Government of the Russian Federation may be given to another competition participant based on his or her ranking determined as a result of assessment of his or her project proposal.

### III. FORMS TO BE COMPLETED BY APPLICANTS

#### Form 1. Grant Application (for institutions of higher learning)

Ministry of education and science of the Russian Federation

#### APPLICATION

**for participation in the grant competition of the Government of the Russian Federation designed to support research projects implemented under the supervision of the world's leading scientists at Russian institutions of higher learning, research organizations subordinate to the RF Federal Agency for Scientific Research Organizations, and governmental research centers of the Russian Federation**

**(Round V)**

**Registration No. \_\_\_\_\_**

\_\_\_\_\_

(leading scientist's full name)

hereinafter referred to as "Leading scientist",

and \_\_\_\_\_

(full name of the host institution of higher learning)

hereinafter referred to as "host institution of higher learning",

submit herewith their joint application for participation in the grant competition of the Government of the Russian Federation designed to support research projects implemented under the supervision of the world's leading scientists at Russian institutions of higher learning, research organizations subordinate to the RF Federal Agency for Scientific Research Organizations, or governmental research centers of the Russian Federation.

#### 1. Information about the research project

Field of science \_\_\_\_\_

Research area \_\_\_\_\_

#### 2. Grant amount requested from the Government of the Russian Federation to support research projects implemented under the supervision of the world's leading scientists at Russian institutions of higher learning, research organizations subordinate to the RF Federal Agency for Scientific Research Organizations, or governmental research centers of the Russian Federation (hereinafter referred to as "Grant"):

in 2017 \_\_\_\_\_ million roubles,

in 2018 \_\_\_\_\_ million roubles,

in 2019 \_\_\_\_\_ million roubles.

Total: \_\_\_\_\_ million roubles.

3. The leading scientist confirms herewith that:
- He/she has not applied to the grant competition of the Government of the Russian Federation designed to support research projects implemented under the supervision of the world’s leading scientists at Russian institutions of higher learning, research organizations subordinate to the RF Federal Agency for Scientific Research Organizations, or governmental research centers of the Russian Federation on behalf of a different research project or as a member of a different research team;
  - He/she did not win the open grant competitions of the Government of the Russian Federation designed to support research projects implemented under the supervision of the world’s leading scientists at Russian institutions of higher learning, research organizations subordinate to the RF Federal Agency for Scientific Research Organizations, or governmental research centers of the Russian Federation held in 2010 – 2013;
  - From 2010 until the date of submission of this application he/she was not employed by, nor did he/she execute a labor agreement with any legal entities of the Russian Federation registered within the same subject of the Russian Federation as his/her host institution of higher learning and co-applicant hereunder;
  - The research project proposed herein does not duplicate any of his or her prior or current research projects financially supported by the federal, regional, or municipal governments of the Russian Federation or funded from other sources.
4. Should this grant application be approved, the leading scientist shall:
- Execute, within the designated timeframe, a grant agreement in compliance with the form approved by relevant order of the Ministry of education and science of the Russian Federation;
  - Hire research project staff members, including not less than two candidates of sciences, three graduate students, and three undergraduate students attending the host institution of higher learning, ensuring that not less than 40% of the project staff is accounted for by young scientists (under 39 years of age inclusive) throughout the entire duration of the project;
  - Personally supervise the progress of the research project proposed herein in 2017 – 2019 by being physically present at the host institution of higher learning:
 

in 2017		days;
in 2018		days;
in 2019		days;
  - Publish at least three articles on the research project subject matter in a peer review journal referenced in the “Web of Science” database and (or) apply for two patents for an invention, utility model, or commercial prototype 18 months into the research project, as well as to publish at least five articles on the research project subject matter in a peer review journal referenced in the “Web of Science” database and (or) apply for at least three patents for an invention, utility model, or commercial prototype and (or) obtain a patent 30 months into the research project;
  - Submit an annual research project progress report documented in compliance with the form approved by the Ministry of education and science of the Russian Federation.
5. The leading scientist shall be personally responsible for achieving the research project results specified in the project proposal and grant application.
6. Pursuant to RF Federal Law No.152-FZ of July 27, 2007, “On personal data”, the leading scientist agrees hereby to have his/her personal information presented in his/her grant application processed and used for the purposes of the grant competition and execution of relevant grant agreements by the competition organizer and the third parties contracted thereby, as well as to have his/her personal information saved in the database of the Ministry of education and science of the Russian Federation containing information about the grant competition participants, their respective grant applications, and grantees.
7. The host institution of higher learning confirms herewith that:
- It fulfills its tax obligations by paying requisite tax amounts to the budgets of all levels and by making mandatory payments to the state non-budget funds, is solvent, is not under liquidation or reorganization, has not been found insolvent (bankrupt), has not had its property seized or its economic activities suspended;
  - The research project proposed herein does not duplicate any of its prior or current research projects financially supported by the federal, regional, or municipal governments of the Russian Federation or funded from other sources.

8. Should this grant application be approved, the host institution of higher learning shall:

- Ensure continuous funding of the research project in compliance with its approved budget;
- Execute, within the designated timeframe, a grant agreement in compliance with the form approved by relevant order of the Ministry of education and science of the Russian Federation;
- Designate at least three faculty or staff positions for the research project proposed herein that are compensated using governmental subsidy funds made available thereto under public orders for the provision of works and/or services;
- Execute service or (term) labor agreements with the leading scientist and the research project staff members enlisted thereby;
- Compensate each member of the research project team in compliance with the quality and quantity of the work completed thereby under the project proposed herein and guarantee that the total amount of compensation payable to the leading scientist and the members of the research project team (including taxes and mandatory social deductions) will not exceed 60 percent of the total amount of the grant;
- Provide premises in good repair, as well as access to laboratories and other experimental research facilities required to implement the research project proposed herein;
- Submit reports on eligible expenditure of grant funds documented in compliance with the form approved by the Ministry of education and science of the Russian Federation;
- Ensure further operation and development of the research laboratory established hereunder and report on the scientific research activities implemented at said laboratory, as well as their outcomes, to the RF Ministry of education and science in compliance with the reporting documentation forms approved thereby for three consecutive years following completion of the scientific research project proposed herein.

9. The host institution of higher learning shall be responsible for ensuring eligible expenditure of grant funds.

Leading scientist

\_\_\_\_\_

signature

\_\_\_\_\_

leading scientist's full name

On behalf of

\_\_\_\_\_

full name of the host institution of higher learning

\_\_\_\_\_

job title and signature of authorised official

\_\_\_\_\_

full name of authorised official

SEAL

“ \_\_\_\_ ” \_\_\_\_\_ 2016

**Form 1. Grant Application** (for research organizations)

Ministry of education and science of the Russian Federation

**APPLICATION**

**for participation in the grant competition of the Government of the Russian Federation designed to support research projects implemented under the supervision of the world's leading scientists at Russian institutions of higher learning, research organizations subordinate to the RF Federal Agency for Scientific Research Organizations, and governmental research centers of the Russian Federation**

**(Round V)**

**Registration No.** \_\_\_\_\_

\_\_\_\_\_

(leading scientist's full name)

hereinafter referred to as "Leading scientist",

and \_\_\_\_\_

(full name of the host research organization)

hereinafter referred to as "Host research organization",

submit herewith their joint application for participation in the grant competition of the Government of the Russian Federation designed to support research projects implemented under the supervision of the world's leading scientists at Russian institutions of higher learning, research organizations subordinate to the RF Federal Agency for Scientific Research Organizations, or governmental research centers of the Russian Federation.

**1. Information about the research project**

Field of science \_\_\_\_\_

Research area \_\_\_\_\_

**2. Grant amount requested from the Government of the Russian Federation to support research projects implemented under the supervision of the world's leading scientists at Russian institutions of higher learning, research organizations subordinate to the RF Federal Agency for Scientific Research Organizations, or governmental research centers of the Russian Federation (hereinafter referred to as "Grant"):**

in 2017 \_\_\_\_\_ million roubles,

in 2018 \_\_\_\_\_ million roubles,

in 2019 \_\_\_\_\_ million roubles.

Total: \_\_\_\_\_ million roubles.

3. The leading scientist confirms herewith that:

- He/she has not applied to the grant competition of the Government of the Russian Federation designed to support research projects implemented under the supervision of the world's leading scientists at Russian institutions of higher learning, research organizations subordinate to the RF Federal Agency for Scientific Research Organizations, or governmental research centers of the Russian Federation on behalf of a different research project or as a member of a different research team;
- He/she did not win the open grant competitions of the Government of the Russian Federation designed to support research projects implemented under the supervision of the world's leading scientists at Russian institutions of higher learning, research organizations subordinate to the RF Federal Agency for Scientific Research Organizations, or governmental research centers of the Russian Federation held in 2010 – 2013;
- From 2010 until the date of submission of this application he/she was not employed by, nor did he/she execute a labor agreement with any legal entities of the Russian Federation registered within the same subject of the Russian Federation as his/her host institution of higher learning and co-applicant hereunder;
- The research project proposed herein does not duplicate any of his or her prior or current research projects financially supported by the federal, regional, or municipal governments of the Russian Federation or funded from other sources.

4. Should this grant application be approved, the leading scientist shall:

- Execute, within the designated timeframe, a grant agreement in compliance with the form approved by relevant order of the Ministry of education and science of the Russian Federation;
- Hire research project staff members, including not less than three candidates of sciences and not less than four graduate students attending graduate school under the host research organization, ensuring that not less than 40% of the project staff is accounted for by young scientists (under 39 years of age inclusive) throughout the entire duration of the project;
- Personally supervise the progress of the research project proposed herein in 2017 – 2019 by being physically present at the host institution of higher learning:
  - in 2017 \_\_\_\_\_ days;
  - in 2018 \_\_\_\_\_ days;
  - in 2019 \_\_\_\_\_ days;
- Publish at least three articles on the research project subject matter in a peer review journal referenced in the “Web of Science” database and (or) apply for two patents for an invention, utility model, or commercial prototype 18 months into the research project, as well as publish at least five articles on the research project subject matter in a peer review journal referenced in the “Web of Science” database and (or) apply for at least three patents for an invention, utility model, or commercial prototype and (or) obtain a patent 30 months into the research project;
- Submit an annual research project progress report documented in compliance with the form approved by the Ministry of education and science of the Russian Federation.

5. The leading scientist shall be personally responsible for achieving the research project results specified in the project proposal and grant application.

6. Pursuant to RF Federal Law No.152-FZ of July 27, 2007, “On personal data”, the leading scientist agrees hereby to have his/her personal information presented in his/her grant application processed and used for the purposes of the grant competition and execution of relevant grant agreements by the competition organizer and the third parties contracted thereby, as well as to have his/her personal information saved in the database of the Ministry of education and science of the Russian Federation containing information about the grant competition participants, their respective grant applications, and grantees.

7. The host research organization confirms herewith that:

- It fulfills its tax obligations by paying requisite tax amounts to the budgets of all levels and by making mandatory payments to the state non-budget funds, is solvent, is not under liquidation or reorganization, has not been found insolvent (bankrupt), has not had its property seized or its economic activities suspended;
- The research project proposed herein does not duplicate any of its prior or current research projects financially supported by the federal, regional, or municipal governments of the Russian Federation or funded from other sources.

8. Should this grant application be approved, the host research organization shall:

- Ensure continuous funding of the research project in compliance with its approved budget;
- Execute, within the designated timeframe, a grant agreement in compliance with the form approved by relevant order of the Ministry of education and science of the Russian Federation;
- Designate at least three faculty or staff positions for the research project proposed herein that are compensated using governmental subsidy funds made available thereto under public orders for the provision of works and/or services;
- Execute service or (term) labor agreements with the leading scientist and the research project staff members enlisted thereby;
- Compensate each member of the research project team in compliance with the quality and quantity of the work completed thereby under the project proposed herein and guarantee that the total amount of compensation payable to the leading scientist and the members of the research project team (including taxes and mandatory social deductions) will not exceed 60 percent of the total amount of the grant;
- Provide premises in good repair, as well as access to laboratories and other experimental research facilities required to implement the research project proposed herein;
- Submit reports on eligible expenditure of grant funds documented in compliance with the form approved by the Ministry of education and science of the Russian Federation;
- Ensure further operation and development of the research laboratory established hereunder and report on the scientific research activities implemented at said laboratory, as well as their outcomes, to the RF Ministry of education and science in compliance with the reporting documentation forms approved thereby for three consecutive years following completion of the scientific research project proposed herein.

9. The host research organization shall be responsible for ensuring eligible expenditure of grant funds.

Leading scientist

\_\_\_\_\_  
signature

\_\_\_\_\_  
leading scientist's full name

On behalf of

\_\_\_\_\_  
full name of the host research organization

\_\_\_\_\_  
job title and signature of authorized official

\_\_\_\_\_  
full name of authorized official

SEAL

“ \_\_\_\_ ” \_\_\_\_\_ 2016

## **Form 2. Leading scientist's work experience and research achievements**

### **1. Leading scientist's questionnaire**

#### **1.1. Personal data**

Last name:

First name:

Patronymic:

Date of birth:

Citizenship:

Citizenship (for individuals with dual citizenship):

#### **1.2. Education**

Education, name of the institution of higher learning and year of graduation:

Academic degree:

Academic title:

#### **1.3. Place of residence**

Country:

Region (for the Russian Federation):

Mailing address:

Telephone:

Email:

#### **1.4. Employment**

Full name of employer organization:

Job title:

Country:

Region (for the Russian Federation):

Mailing address:

Telephone:

Email:

Fax:

### 1.5. Previous employers<sup>7</sup>:

No.	Country	Organization	Job title	Employment period (year started – year terminated)
1.				
2.				

### 1.6. Scientific research indicators<sup>8</sup>

ResearcherID<sup>9</sup>

Leading scientist's name in English as indicated thereby in his scientific research publications.

Field of scientific interests<sup>10</sup>:

Hirsch-index<sup>11</sup>:

Total number of research works published in periodicals referenced in the “Web of Science” database:

Number of citations of the leading scientist's research works published in periodicals referenced in the “Web of Science” database:

Number of research works published by the leading scientist in periodicals referenced in the “Web of Science” database in 2011-2016:

Number of research works published by the leading scientist in 2011 – 2016 in the periodicals referenced in the “Web of Science” database and falling within the first and second quartiles (Q1 and Q2) of the relevant “Web of Science” subject area<sup>12</sup>:

### 1.7. Additional information about the leading scientist:

## 2. Leading scientist's research achievements

### 2.1. Leading scientist's research activities and principal research achievements<sup>13</sup>:

### 2.2. Leading scientist's research awards and prizes<sup>14</sup>:

No.	Research prize/award	Organization that issued the prize/award	Year of the prize/award	Scientific achievement rewarded
1.				
2.				

<sup>7</sup> Indicate employers for 2010-2016.

<sup>8</sup> To support the data, please enclose a screenshot from the “Web of Science” database containing the leading scientist's Citation Report.

<sup>9</sup> To obtain a ResearcherID, please register on: <http://www.researcherid.com>.

<sup>10</sup> Key words describing the leading scientist's research specialty.

<sup>11</sup> Per “Web of Science” database as of the time of application.

<sup>12</sup> Please specify the articles falling within the first and second quartiles (Q1 and Q2) of the “Web of Science” subject area that corresponds with or is adjacent to the scientific discipline within which the project proposal is submitted.

<sup>13</sup> Please describe the leading scientist's research activities within the field of the research project submitted hereunder, as well as the most significant research results achieved thereby.

<sup>14</sup> Please indicate prestigious prizes and awards received by the leading scientist for his research activities.

### 3. Leading scientist's publication activities in 2011-2016

#### 3.1. Leading scientist's most significant publications in 2011-2016<sup>15</sup>:

№	Authors of the article	Title of the article	Year of publication	Name of the periodical, ISSN	Periodical's impact factor <sup>16</sup>	Resume of the article <sup>17</sup>
1.						
2.						

#### 3.2. List of monographs (chapters in monographs) published by the leading scientist in 2011-2016

№	Authors of the monograph	Title of the monograph	Year of publication	Publisher, ISBN	Brief annotation to the monograph
1.					
2.					

#### 3.3. International conferences where the leading scientist presented his reports in 2011-2016<sup>18</sup>

No.	Conference name	Time and place of the conference	Title of the report	Type of the report (plenary or sectional)
1.				
2.				

### 4. Leading scientist's experience in managing research teams

#### 4.1. Leading scientist's experience in creating research teams<sup>19</sup>:

#### 4.2. Projects implemented or completed under the supervision of the leading scientist<sup>20</sup>:

№	Project title	Amount of funding	Source of funding	Project implementation period	Principal results of the project <sup>21</sup>
1.					
2.					

<sup>15</sup> Please indicate not more than 10 of the leading scientist's most significant articles written within the field of the research project proposed herein and published in periodicals referenced in the "Web of Science" database.

<sup>16</sup> As per the "Web of Science" database.

<sup>17</sup> Please provide an abstract/summary of the relevant article.

<sup>18</sup> Please indicate not more than 10 of the leading scientist's plenary or sectional reports within the field of the research project proposed herein presented at some of the leading international conferences.

<sup>19</sup> Please describe the leading scientist's administrative experience in creating a world-class research team (laboratory, research group, etc.).

<sup>20</sup> Please indicate not more than 10 of the large-scale scientific research projects implemented and/or completed under the supervision of the leading scientist.

<sup>21</sup> Please provide a brief description of the most significant scientific research results achieved by the leading scientist in the course of a research project.

**5. Leading scientist's experience in training teachers and researchers**

**5.1. Leading scientist's experience in teaching:**

№	Name of the university	Job title	Name of the course taught by the leading scientist	Period of employment (year started – year terminated)
1.				
2.				

**5.2. Leading scientist's experience in training doctors and candidates of sciences<sup>22</sup>:**

№	Full name	Dissertation title	Dissertation type (candidate's or doctoral)	Organization	Year defended
1.					
2.					

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

signature

\_\_\_\_\_

leading scientist's full name

<sup>22</sup> Please indicate full names of the doctors and candidates of sciences trained under the guidance of the leading scientist.

### Form 3. Experience and research achievements of the key project staff members<sup>23</sup>

#### 1. Project staffing plan<sup>24</sup>:

#### 2. Key project staff members<sup>25</sup>:

No.	Full name	Job title, academic degree, academic title	Year of birth	Employer and job title <sup>26</sup>	H-index <sup>27</sup>	Number of publications <sup>28</sup>	Project role
1.							
2.							
3.							

#### 3. Publication activities of the key project staff members in 2011-2016

##### 3.1. Most significant research works published by the key project staff members in 2011-2016<sup>29</sup>:

№	Authors of the article	Title of the article	Year of publication	Name of the periodical	Periodical's impact factor <sup>30</sup>	Resume of the article <sup>31</sup>
1.						
2.						

##### 3.2. List of monographs (chapters in monographs) published by the key project staff members in 2011-2016

№	Authors of the monograph	Title of the monograph	Year of publication	Publisher	Brief annotation to the monograph
1.					
2.					

<sup>23</sup> Key project staff members include highly skilled professionals in possession of the key competencies required by the project that make up the core of the project team and ensure successful implementation of the project.

<sup>24</sup> Please describe the project staffing plan, including the list of requisite competencies, and justify the total number of project staff members, laboratory workers, etc.

<sup>25</sup> Please indicate the key project staff members that you plan to hire to help you implement the project. If your grant application is approved, the key project staff members you indicate herein must be hired to implement the scientific research project you propose based on a relevant recruitment order issued by the host organization. Key project staff members may only be replaced in exceptional circumstances, with prior written consent of the RF Ministry of education and science, and provided that such replacement will not negatively affect the overall quality of the project staff as a group. Any such replacement must meet the requirements of the terms and conditions of the grant competition as applied to the composition of the project staff and implementation of the project.

<sup>26</sup> Please indicate the project staff member's prior employer and his or her job title held before being invited to join the project in question.

<sup>27</sup> As per the "Web of Science" database at the time of application.

<sup>28</sup> Please indicate the number of articles published within the field of the research project in question in 2011 – 2016 in periodicals referenced in the "Web of Science" database.

<sup>29</sup> Please indicate not more than 10 of the key project staff member's most significant articles written within the field of the research project proposed herein and published in periodicals referenced in the "Web of Science" database.

<sup>30</sup> As per the "Web of Science" database.

<sup>31</sup> Please provide an abstract/summary of the relevant article.

**3.3. International conferences where the key project staff members presented their reports in 2011-2016<sup>32</sup>**

No.	Conference name	Time and place of the conference	Title of the report	Type of the report (plenary or sectional)
1.				
2.				

Leading scientist \_\_\_\_\_  
signature leading scientist's full name

On behalf of  
\_\_\_\_\_  
full name of the host university or research organization

\_\_\_\_\_  
job title and signature of the authorized official full name of the authorized official

<sup>32</sup> Please indicate not more than 10 of the plenary or sectional reports within the field of the research project proposed herein presented by the key project staff members at some of the leading international conferences.

#### **Form 4. Description of the research project**

##### **1. General information about the project**

**1.1. Scientific discipline:**

**1.2. Field (topic) of the scientific research project proposed herein:**

**1.3. Key words<sup>33</sup>:**

**1.4. Project goals and objectives:**

**1.5. Anticipated results of the scientific research project proposed herein<sup>34</sup>:**

##### **2. Project description**

**2.1. Description of the problem addressed by the scientific research project proposed herein:**

**2.2. Description of the scientific research activities entailed by the project proposed herein:**

**2.3. Description of the scientific techniques and methods that will be used to accomplish the project objectives:**

**3. Description of the infrastructure required for the establishment of the research laboratory and implementation of research activities<sup>35</sup>:**

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

signature

\_\_\_\_\_

leading scientist's full name

---

<sup>33</sup> Key words (4 - 8 in total) express the main substance of the research project. They must identify the scientific discipline, theme, goal, and object of research.

<sup>34</sup> Including anticipated inventions, patents, know-how, etc.

<sup>35</sup> Please indicate the leading scientist's requirements with respect to the technical parameters of the laboratory premises, its technological and life-support equipment, specific research equipment, etc.

**Form 5. Research project implementation plan**

Phase	Substance of research activities to be implemented	Anticipated results of the research activities	Implementation timeframe (start - finish)
1.			01.01.2017 – 31.12.2017
2.			01.01.2018 – 31.12.2018
3.			01.01.2019 – 31.12.2019

Leading scientist \_\_\_\_\_  
signature
leading scientist's full name

On behalf of  
 \_\_\_\_\_  
full name of the host university or research organization

\_\_\_\_\_

\_\_\_\_\_

job title and signature of the authorized official
full name of the authorized official

## Form 6. Research project effectiveness indicators

No.	Effectiveness indicator	Units	2017	2018	2019
1.	Number of candidates of sciences among the project staff members <sup>36</sup>	Persons			
2.	Number of graduate students among the project staff members attending graduate school at the host university/research organization <sup>37</sup>	Persons			
3.	Number of undergraduate students among the project staff members studying at the host university <sup>38</sup>	Persons			
4.	Number of articles written by the leading scientist and other project staff members within the field of the research project in question and published in periodicals referenced in the “Web of Science” database <sup>39</sup>	Ones			
5.	Number of applications for patent on invention, utility model or commercial prototype within the field of the research project in question authored by the leading scientist and/or other project staff members <sup>39</sup>	Ones			
6.	Leading scientist’s academic instruction workload at the host university <sup>40</sup>	Academic hours			

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

signature

\_\_\_\_\_ leading scientist’s full name

On behalf of

\_\_\_\_\_ full name of the host university

or research organization

\_\_\_\_\_ full name of the authorized official

\_\_\_\_\_ job title and signature of the authorized official

<sup>36</sup> Please indicate the anticipated number of candidates of sciences permanently employed by the laboratory, but not less than two for host institutions of higher learning and not less than three for host research organizations.

<sup>37</sup> Please indicate the anticipated number of graduate students from among the project staff members attending graduate school at the host university/research organization, but not less than three for institutions of higher learning and not less than four for research organizations.

<sup>38</sup> To be completed only by institutions of higher learning. Please indicate the anticipated number of undergraduate students from among the project staff members studying at the host university, but not less than three.

<sup>39</sup> All grantees are required to publish at least three articles on the research project subject matter in a peer review journal referenced in the “Web of Science” database and (or) apply for two patents for an invention, utility model, or commercial prototype 18 months into the research project, as well as to publish at least five articles on the research project subject matter in a peer review journal referenced in the “Web of Science” database and (or) apply for at least three patents for an invention, utility model, or commercial prototype and (or) obtain a patent 30 months into the research project.

<sup>40</sup> Please indicate the leading scientist’s academic instruction workload at the host institution of higher learning.

## Form 7. Research project budget

### 1. Research project budget (million roubles)

No.	Expenditure line-item	Project total (million roubles)	2017 (million roubles)	2018 (million roubles)	2019 (million roubles)
1.	Compensation payable to the leading scientist and members of the research project team, including taxes and mandatory social deductions (not to exceed 60% of the total grant amount)				
2.	Research equipment acquisition costs				
3.	Research equipment parts and supplies				
4.	Travel expenses of the leading scientist and research project staff members				
5.	Research project staff members' training, retraining, and qualifications improvement costs				
6.	Participation of the leading scientists and research project staff members in conferences, symposia, and scientific seminars				
7.	Organization of conferences, symposia, and scientific seminars conducted by the research laboratory staff members				
8.	Costs associated with publication of articles and/or monographs written by the leading scientist and/or research project staff members to reflect the research project outcomes achieved at the scientific research laboratory established at the host organization				
9.	Fees payable for work performed by third-party organizations (not to exceed 5% of the total grant amount)				
10.	Current laboratory repair costs and other costs directly related to the research project activities (not to exceed 5% of the total grant amount)				
11.	<b>TOTAL</b>				

## 2. Research equipment acquisition costs in the first year of the project

No.	Name of equipment <sup>41</sup>	Quantity	Price, (million roubles)	Total amount, (million roubles)
2017				
1.				
2.				
TOTAL for 2017:				

**Parameters of the research equipment to be acquired and explanation of its relevance for the achievement of the project goals and objectives:**

- 1.
- 2.

## 3. Compensation payable to different project staff categories in the first year of the project

No.	Project staff category	Labour compensation exclusive of taxes and social deductions (min.-max.) <sup>42</sup> (million roubles/year)	Number of staff members <sup>43</sup>
1.	Head of laboratory (leading scientist)		
2.	Project staff member – deputy head of laboratory		
3.	Project staff member – doctor of sciences		
4.	Project staff member – candidate of sciences		
5.	Project staff member with university diploma (no academic degree) <sup>44</sup>		
6.	Project staff member (no university diploma) <sup>45</sup>		
7.	Project staff member – graduate student		
8.	Project staff member – undergraduate student		

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

signature

\_\_\_\_\_

leading scientist's full name

On behalf of

\_\_\_\_\_

full name of the host university

or research organization

\_\_\_\_\_

full name of the authorized official

\_\_\_\_\_

job title and signature of the authorized official

<sup>41</sup> Please provide the parameters of each equipment unit and explain why its acquisition is necessary to achieve the anticipated goals and objectives of the scientific research project proposed herein.

<sup>42</sup> Please indicate the range (min. – max.) of compensation for each project staff category.

<sup>43</sup> Please indicate the anticipated quantity of project staff members for each category.

<sup>44</sup> Employee categories such as “engineer”, “specialist” etc.

<sup>45</sup> Employee categories such as “laboratory technician”, “technician”, “operator”, etc.

**Form 8. Host organization's commitment to establish a research laboratory**

- 1. Explanation of the relevance and expediency of establishing a research laboratory under the research project proposed herein:**
- 2. Laboratory creation and development plan<sup>46</sup>:**
- 3. Additional laboratory funding plan<sup>47</sup>:**

On behalf of

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full name of the host university

or research organization

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full name of the authorized official

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job title and signature of the authorized official

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<sup>46</sup> Please describe your plan for the creation and development of the research laboratory as part of the research project in question, as well as the host organization's commitment related to its establishment, including its commitment to provide adequate premises, requisite technical and life-support equipment, scientific research equipment, etc.

<sup>47</sup> Please indicate the amount of funding designated for the establishment of the research laboratory and implementation of the research project proposed herein, as well as the anticipated expenditure line-items envisioned for this funding.

## **Form 9. Annotation to the grant application**

### **1. Information about the leading scientist**

#### **1.1. Personal information**

Last name:

First name:

Patronymic:

Date of birth:

Citizenship:

Citizenship (for individuals with dual citizenship):

#### **1.2. Education**

Education, name of the university and year of graduation:

Academic degree:

Academic title:

#### **1.3. Place of residence**

Country:

#### **1.4. Employment**

Full name of the employer organization:

Job title:

Country:

#### **1.5. Scientific research activity**

Field of scientific interests<sup>48</sup>:

Hirsch-index<sup>49</sup>:

Total number of research works published in periodicals referenced in the “Web of Science” database:

Number of citations of the leading scientist’s research works published in periodicals referenced in the “Web of Science” database:

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<sup>48</sup> Key words describing the leading scientist’s research specialty.

<sup>49</sup> Per “Web of Science” database as of the time of application.

Number of research works published by the leading scientist in periodicals referenced in the “Web of Science” database in 2011-2016:

Number of research works published by the leading scientist in 2011 – 2016 in the periodicals referenced in the “Web of Science” database and falling within the first and second quartiles (Q1 and Q2) of the relevant “Web of Science” subject area<sup>50</sup>:

**1.6. Leading scientist’s experience in managing scientific research projects<sup>51</sup>:**

№	Project title	Amount of funding	Source of funding	Project implementation period	Principal results of the project <sup>52</sup>
1.					

**1.7. Leading scientist’s experience in training doctors and candidates of sciences<sup>53</sup>**

Number of doctors of sciences trained:

Number of candidates of sciences trained:

**1.8. Additional information about the leading scientist<sup>54</sup>:**

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

**2.1. Scientific discipline:**

**2.2. Area of the scientific discipline:**

**2.3. Field (topic) of the scientific research project proposed herein<sup>55</sup>:**

**2.4. Key words<sup>56</sup>:**

**2.5. Brief description of the project (including its goals, objectives and anticipated results)<sup>57</sup>:**

**2.6. Requested grant amount:**

\_\_\_\_\_ (million roubles)

<sup>50</sup> Please specify the articles falling within the first and second quartiles (Q1 and Q2) of the “Web of Science” subject area that corresponds with or is adjacent to the scientific discipline within which the project proposal is submitted.

<sup>51</sup> Please indicate not more than 10 of the large-scale scientific research projects implemented and/or completed under the supervision of the leading scientist.

<sup>52</sup> Please provide a brief description of the most significant scientific research results achieved by the leading scientist in the course of a research project.

<sup>53</sup> Please indicate the total number of the doctors and candidates of sciences trained under the guidance of the leading scientist.

<sup>54</sup> Please provide any relevant additional information about the leading scientist, including information about prestigious scientific prizes and awards received thereby, etc. Please limit this paragraph to 1200 characters, including spaces.

<sup>55</sup> Please provide the title of the scientific research project proposed herein.

<sup>56</sup> Key words (4 - 8 in total) express the main substance of the research project. They must identify the scientific discipline, theme, goal, and object of research.

<sup>57</sup> Not more than 3500 characters, including spaces.

**2.7. Amount of co-funding:**

\_\_\_\_\_ (million roubles)

**2.8. Personal supervision of the scientific research project proposed herein ensured by the leading scientist's physical presence at the host university/research organization in the amount of not less than:**

In 2017 \_\_\_\_\_ days

In 2018 \_\_\_\_\_ days

In 2019 \_\_\_\_\_ days

**3. Information about the host university/research organization**

**3.1. Full name of the host organization:**

**Official authorized by the host organization to act in the capacity of the project liaison** (full name, job title, telephone, email):

**3.2. Explanation of the relevance and expediency of establishing a research laboratory under the research project proposed herein<sup>58</sup>:**

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

signature

\_\_\_\_\_

leading scientist's full name

On behalf of

\_\_\_\_\_

full name of the host university

or research organization

\_\_\_\_\_

full name of the authorized official

\_\_\_\_\_

job title and signature of the authorized official

<sup>58</sup> Not more than 1500 characters, including spaces.