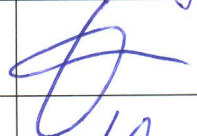


NON-COMMERCIAL JOINT STOCK COMPANY
«MARAT OSPANOV WEST KAZAKHSTAN MEDICAL UNIVERSITY»

APPROVED
by Decision of Board
NCJSC " Marat Ospanov West Kazakhstan
Medical University"
minutes No. 1
08 01, 2024

PROVISION

ON THE ORGANIZATION OF THE COMPETITION FOR GRANT FINANCING OF
SCIENTIFIC RESEARCH WORKS, FINANCED FROM OWN FUNDS OF NCJSC «WKMU»

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			Жиеналин Е.Ш.		<u>04.01.24</u>
			Кужаниязова Г.Б.		<u>04.01.24</u>
			Баспакова А.М.		<u>03.01.24</u>
			Урумбаева А.Н.		<u>03.01.24</u>

Aktobe, 2024

DESIGNATIONS AND ABBREVIATIONS

In this Provision, the following designations and abbreviations are used:

IE - International Expert;

TRT - Temporary research team;

DSW - Department of Scientific and Analytical Work;

DE&P - Department of Economics and Planning;

University - Non-commercial joint-stock company "Marat Ospanov West Kazakhstan Medical University";

CQASES - Committee for Quality Assurance in the Sphere of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan;

RW - Research work;


PC – Problem Commission;

EC – Expert Commission;

TS - Teaching staff;

RK - Republic of Kazakhstan;

RC HD MH RK - Republican Center for Healthcare Development of the Ministry of Health of the Republic of Kazakhstan.


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1. GENERAL PROVISIONS

- 1.1. This Provision on the competition for grant funding of research works (hereinafter - RW) of the teaching staff (TS) and employees of the Non-commercial Joint Stock Company "Marat Ospanov West Kazakhstan Medical University" (hereinafter - the University) defines: the main requirements for the competition for a grant to carry out research work (hereinafter - the competition), the procedure for preparing and submitting an application for participation in the Competition (hereinafter - application), criteria for the selection of works, determination of winners, the procedure for paying grants and the responsibility of grant recipients in accordance with the University Charter (chapter 3, paragraph 13, subparagraph 6).
- 1.2. This Regulation is compiled in accordance with the Law of the Republic of Kazakhstan "On Science" dated February 18, 2011 No. 407-IV (with amendments and additions as of 01.01.2022) and internal regulations of the University.
- 1.3. For all participants, the main guideline is the "Policy of Academic Integrity", the provision of the Code of Honor and the Policy of Academic Integrity of the University's students.
- 1.4. The aim of the competition for scientific grants is to stimulate and support the research activities of the teaching staff and employees of the University, increase interest in science, the formation of an innovative culture, its involvement in research activities, inclusion in the scientific activities of the university, the formation of a stable scientific and innovative environment in the modern society.
- 1.5. Grants of the university are provided on a competitive basis and are intended to finance the scientific activities of individual teachers, employees, doctoral students, master students and small scientific groups (temporary research teams-TRT) for the development of various scientific and applied problems on the main directions scientific activity of the university for a certain period of time.
- 1.6. The volume, source of funding of grants, their number, as well as the terms of the competition are determined by the order of the Chairman of the Board-the Rector of the University.
- 1.7. The main functions for the implementation and organization of this Regulation are carried out by the Department of Scientific and Analytical Work (hereinafter – DSAW) and the head of the Department for Scientific Work (hereinafter – DSW) University.
- 1.8. The main functions of performing financial calculations of research work are carried out by the Department of Economics and Planning (hereinafter - DE&P) of the University.

2. ORGANIZATION OF THE COMPETITION

- 2.1. Grants are awarded on a competitive basis. The competition for a grant to perform research at the University is held annually in accordance with the Order of the Chairman of the Board-Rector in the following areas: biotechnology, biomedicine, life science and medicine, medical education. Projects for conducting scientific research, developing methods and technologies that are original in setting and solving scientific and practical tasks aimed at achieving specific scientific results and are a significant contribution to the development of science and medical education at the University and in the healthcare system of the Republic of Kazakhstan as a whole (hereinafter – RK) are put forward for grants.
- 2.2. The order to start accepting applications for the competition is communicated to all teaching staff, employees, and students through documentolog, departments, units, divisions, as well as by posting on the University website (<http://zkmu.edu.kz>) and other sources of information.
- 2.3. The organization and implementation of the competition for grant research works are entrusted to the DSAW, which carries out the following activities:

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- 2.3.1. announcement of the competition and informational support of the teaching staff and employees during the entire period of the competition;
- 2.3.2. Acceptance of applications and formal examination is carried out by ONAR
- 2.3.3. The examination of applications is carried out by independent reviewers and members of the EC (reviewers);
- 2.3.4. Summing up the results of the competition;
- 2.4. Each employee within the framework of this competition can participate only in 1 project conducted at the University.


3. PROCEDURE FOR CONDUCTING THE COMPETITION AND CONSIDERATION OF APPLICATIONS

- 3.1. The competition is held in 3 stages: stage 1 – acceptance of applications and technical expertise; stage 2 – independent review and evaluation according to the checklist; stage 3 - consideration of applications, determination of winners by voting by EC members and awarding grants at the Academic Council.
- 3.2. To participate in the competition, it is necessary to submit an application for the planned work, in accordance with Appendix 1 of this Provision. Applications that do not comply with the provision and requirement are rejected at stage 1 - formal verification.
- 3.3. Applications that have passed technical expertise are reviewed in two stages by independent reviewers through a structured checklist in accordance with Appendix A of this Regulation. According to the results of this stage, applications that do not score 65 points are rejected. The second stage is reviewing after hearing the presentation of the project.
- 3.4. The formation of a group of independent reviewers is entrusted to the head of the DSW. With the reviewers, contracts are concluded for the service and on nondisclosure and transfer of scientific grants to third parties. Payment for the reviewing service is made at the expense of the University for 1 (one) competition.
- 3.5. Reviewers are personally responsible for the conclusions they provide.
- 3.6. EC members (reviewers) are obliged to report on any actions aimed at obtaining advantages when considering works submitted for the competition.
- 3.7. Applications that have scored a passing score on a secret review are submitted to the EC commission. The discussion of R&D is the 3rd stage of the competition, which takes place at an EC meeting, during which the potential of R&D and VNK, the realism of the project, the resource possibilities and benefits of the grantee are evaluated. The final decision is made by the EC on the basis of the summation of points (Appendix E). In the presence of the same number of points or in disputed cases, the vote of the chairman of the EC is decisive.
- 3.8. Based on the results of the EC meeting for stage 3, the secretary draws up a general protocol and gives a reasoned conclusion on each work.


4. REQUIREMENTS FOR APPLICANTS AND APPLICATIONS

4.1. Requirements for applicants:

- Projects submitted by teaching staff, doctoral students, undergraduates and other University employees supported by contractual relations are allowed to participate in the competition, representatives of practical healthcare can also participate in the project according to the University Charter (Chapter 3, paragraph 13, subparagraph 3).

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- 4.1.1. The project manager of the research work must be and meet the following minimum qualification requirements:
- has a doctorate in philosophy (PhD), or a doctor in the field, or an academic degree (doctor / candidate of sciences);
 - the field of scientific research of the project manager and (or) his experience in research and (or) scientific and pedagogical work must correspond to the direction of the scientific project;
- 4.1.2. The project manager for the last 5 years must have the following publications in the field of research (project):
- for basic research: at least 1 (one) article and (or) reviews in peer-reviewed scientific publications indexed in the Web of Science database and (or) having a CiteScore percentile in the Scopus database at least less than 35 (thirty-five);
 - for applied research: at least 1 (one) article and (or) reviews in peer-reviewed scientific publications indexed in the Web of Science database and (or) having a CiteScore percentile in the Scopus database of at least 35 (thirty-five); or at least 1 (one) patent.
- 4.1.3. Independent projects of third-party organizations are not allowed to participate in the competition for Intra-university financing.
- 4.1.4. The total number of project staff (hereinafter referred to as the temporary research team), including the project manager, is no more than 5 (five) people.
- 4.1.5. Each project should include the preparation of PhD doctoral students.
- 4.2. Requirements for the form and content of the application for participation in the competition.**
- 4.2.1. The application for participation in the competition is drawn up in accordance with Appendix B. The abstract is drawn up in the state, Russian and English languages, and the explanatory note and the calculation of the requested funding - in the state or Russian, as well as English.
- 4.2.2. The application must contain information about the project implementation period – 12, 24, 36 months.
- 4.2.3. Applications must comply with the principles and norms of academic and research ethics.
- 4.2.4. For the purchase of the declared reagents, consumables, equipment (provided for equipping the laboratory and departments of the University), 3 commercial offers from three different organizations must be submitted..
- 4.3. Applications are not allowed to the competition:**
- non-compliance of the application registration with the requirements of the competition documentation in accordance with paragraph 4 of this Provision;
 - failure to submit the required documents in full in accordance with paragraph 8 of this Provision;
 - the presence of facts of illegal borrowing (plagiarism), duplication of the topic;
 - inconsistency of the project manager with the requirements of the competition documentation;
 - inconsistency of the expected results of the project in the application for participation in the competition with the requirements of paragraph 4.6. of this Provision;
 - those applications which submitted the competition after the announced deadline.
- 4.4. Applicants undergo the procedure of preliminary approval of the budget and estimates of the project in the DEiP before submitting an application. When purchasing materials and necessary services for the implementation of the project, the rules and regulations of the law on Public Procurement are applied: <https://adilet.zan.kz/rus/docs/Z1500000434>: item 38, item 40. In the event that within ten (10) days the materials will not be purchased and the required services, the project implementation process is formalized by a direct contract with the supplier through the portal on public procurement. The project manager carries out further control over the purchase of the declared reagents, consumables, and equipment.
- 4.5. The results of the completed research are reported and discussed at the meetings of the PC, at scientific conferences of the University, national and international scientific conferences.
- 4.6. Requirements for the expected outcomes based on the results of the implementation of scientific projects:

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4.6.1. For branches in the field of biotechnology, biomedicine, life sciences and medicine, medical education:

- **Projects with a 12-month implementation period** - at least 2 (two) articles in peer-reviewed domestic publications recommended by KOKNVO;
- **Projects with a 24-month implementation period** - at least 1 (one) article in peer-reviewed scientific publications indexed in the Web of Science database and (or) having a CiteScore percentile in the Scopus database of at least 35 (thirty-five), as well as at least 2 (two) articles in peer-reviewed domestic publications recommended by KOKNVO;
- **Projects with a implementation period of 36 months** - at least 2 (two) articles in peer-reviewed scientific publications indexed in the Web of Science databases and (or) having a CiteScore percentile in the Scopus database of at least 35 (thirty-five).


4.6.2. Additionally for scientific projects:

- monographs, chapters of monographs in peer-reviewed scientific publications indexed in the Web of Science and (or) Scopus database;
- methodological recommendations, monographs, titles of protection (clinical protocols, patents, author's certificates, etc.) approved through the RC HD MH RK;
- reports at international conferences with the publication of abstracts in peer-reviewed scientific journals indexed in the Web of Science and (or) Scopus database;
- Commercialization of the results obtained;
- approved curriculum, implemented technology, developed working curricula, road maps, certificate of registration of educational methods, etc.;
- on public health-research protocols, methodological recommendations, standards, implementations, etc.;
- all project reports, including the results achieved, must be checked in the license system (platform) for plagiarism detections. Information about the check should be reflected in the reports.

5. BUDGET OF THE COMPETITION

- 5.1. The applications that have passed the competitive selection will be funded from the extra-budgetary funds of the University.
- 5.2. The number of projects participating in the Competition is not limited.
- 5.3. The applicant has the right to submit no more than 1 application.
- 5.4. With an ongoing grant project, a second application from the same person for a new project will not be accepted.
- 5.5. After the adoption of a positive decision by the EC and the announcement of the results on the assignment of a grant at the Academic Council in accordance with this Provision, an order is issued by the Chairman of the Board – Rector on the establishment of the VNK.
- 5.6. The grant funds are used throughout the year according to the calendar plan.
- 5.7. Grant funding funds are distributed by the scientific director of the project.
- 5.8. The grant funds should be used by its holder to carry out scientific research, including payment of travel expenses, organizational contributions for participation in scientific and technical events (conferences, seminars, exhibitions, etc.), for the publication of articles (there should be no payment for consulting services!), for registration of research results (secondary, tertiary developments, security documents), for the purchase of materials, reagents, equipment (provided for equipping the laboratory and departments of the University for the implementation of the project, etc.) and the cost of third-party services.

80% of the work on the planned research should be carried out only in the laboratories of the university. Part of the 20% work can be ordered from other legal entities when justifying non-fulfillment of these studies in the conditions of our university. Payment of travel expenses, organizational contributions for participation in scientific and technical events (conferences, seminars,

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exhibitions, etc.) and for the publication of articles (there should be no payment for consulting services), for registration of research results (secondary, tertiary developments, security documents) should be planned only for the third year of research.

When publishing articles in the peer-reviewed international databases Scopus and Web of Science, the authors of the University claim further monetary encouragement in the case of using grant funds

- 5.9. A temporary scientific team carrying out an internal university project, which began until 2024, continues to work with the receipt of salaries. In projects started in 2024, wages are excluded.
- 5.10. Ineffective and unjustified use of grant funding is the responsibility of the applicant and the project manager, established by the legislation of the Republic of Kazakhstan with further disciplinary measures (reprimand in a personal matter, removal from the project management up to dismissal).
- 5.11. The applicant ensures the maintenance of accounting and reporting on the project in accordance with the established procedure, that is, to provide a report presentation 1 time a year on the work carried out in the prescribed form.
- 5.12. Executors are not allowed to present the same report at different conferences during the course of the project.
- 5.13. If the projects carried out within the framework of the "grant financing of research works financed from the own funds of the NAO "ZKMU named after Marat Ospanov" win a grant from the competition for grant financing and the competition for program-targeted financing for scientific and (or) scientific and technical projects organized by the Science Committee of the Ministry of Science and higher education of the Republic of Kazakhstan, the project is suspended. Incentives are provided in accordance with the regulations on remuneration, bonuses, financial assistance and other social benefits for employees of the NAO "West Kazakhstan Marat Ospanov Medical University".

6. PROCEDURE FOR SUBMISSION OF REPORTS

- 6.1. The term for RW is from 1 to 3 years.
- 6.2. The Contractor is obliged to submit semi-annual (presentation), interim (annual) or final reports on the results obtained during the reporting period at a meeting of the PC, which is appointed for the purpose of monitoring the study.
- 6.3. The evaluation of reports by the members of the PC is carried out according to the evaluation criteria according to Appendix D. Interim, annual, final reports on the implementation of research are approved when at least 50% of the maximum number of points are scored.
- 6.4. The PC has the right to make a decision unilaterally to terminate funding in the event of:
 - improper and untimely completion of tasks by researchers without good reason.
 - unjustified expenditure of funding allocated for research.
 - not providing a semi-annual/annual report or its unsatisfactory assessment.
- 6.5. Upon completion of the work under the grant, the contractor submits to the ONAR a final report containing:
 - report according to the attached structure (Appendix D);
 - An extract from the PC 's decision on the implementation of the project;
 - information about the performance of statistical data processing;
 - supporting documents (articles in journals recommended by the Committee for Control in the Field of Education and Science and in journals of a peer-reviewed scientific publication indicating the quartile of Web of Science and (or) having a CiteScore percentile in the Scopus database, as well as international patents, abstracts, monographs and chapters of monographs included in the Web of Science databases and Scopus).
- 6.6. Based on the submitted documents, the PC evaluates the quality of the work, and recommends submitting it for participation in national and international competitions without the agreement of the author's team.

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- 6.7. A positive assessment of the implementation of the grant in the current year is taken into account when selecting the winners of the next year's competition.
- 6.8. In case of failure to achieve the results of the project specified in paragraph 4.6. of this Provision, by the decision of the PC, the project manager is removed from participation as a project manager in subsequent competitions announced by the university until the results are achieved (the Department of Scientific and Analytical Work is notified of the achievement of the results), but for no more than 3 years. In case of revealing facts of violation of scientific ethics (plagiarism and false co-authorship, duplication, misappropriation of other people's data, fabrication and falsification of scientific data, etc.) or disapproval of the interim or final report on the project by the decision of the PC, the project manager is removed from participation in subsequent competitions announced by the university for a period at the discretion of the PC.
- 6.9. In case of failure to achieve the project results specified in paragraph 4.6. of this Provision, by decision of the PC, the supervisor is suspended from participating as a supervisor in subsequent competitions announced by the university until the results are achieved (the Department of Scientific and Analytical Work is notified of the achievement of the results), but no more less than 3 years. In case of detection of violations of scientific ethics (plagiarism and false co-authorship, duplication, appropriation of other people's data, fabrication and falsification of scientific data, etc.) or disapproval of the interim or final report on the project by the decision of the PC, the head is suspended from participating in subsequent competitions announced by the university for a period at the discretion of the PC.
- 6.10. At the end of the research period and the closure of funding, the PC reserves the right to monitor the sale of scientific products and their implementation into practice and further use by the University.

7. COMPETITIVE APPLICATION

- 7.1. The tender application, completed in the prescribed form, is submitted by the project manager to the ONAR of the University within the time limits established by the order of the Chairman of the Board - Rector.
- 7.2. By submitting an application for participation in the Competition, the project participants agree to the use of their personal data (name, place of study, phone number, e-mail address) in order to implement the Competition procedure and statistical accounting at the University in accordance with the requirements of the legislation of the Republic of Kazakhstan.
- 7.3. By sending scientific work to participate in the competition, the participant guarantees that he agrees with the terms of the competition and for further processing of information within the framework of the competition application.

8. REQUIRED DOCUMENTS FOR PARTICIPATION IN THE COMPETITION


- 8.1. The application for participation in the competition is drawn up in accordance with Appendix B. The abstract is drawn up in the state, Russian and English languages, and the explanatory note and the calculation of the requested funding - in the state or Russian, as well as English.
- 8.2. A positive conclusion of the local and (or) central commission on bioethics (for biomedical research on humans and animals) after receiving a passing score at all stages of verification.
- 8.3. A positive conclusion of the local and (or) central commission on bioethics (for biomedical research on humans and animals).
- 8.4. Scientific and pedagogical experience of research participants and the correspondence of positions in the project signed and sealed by the head of the Human Resources Management Department of the University.
- 8.5. Confirming screenshots (indicating the topic of the article and the percentile, quartile of the journal) from the Web of Science and (or) Scopus database on the compliance of the project manager with paragraph 4.1.2. of this Provision signed by the head of the University Medical Library.
- 8.6. For projects with international collaboration, it is necessary to have an agreement or memorandum on collaboration and cooperation between organizations, containing the name of the project and

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information about the project manager - a resident of the Republic of Kazakhstan, the general aim of joint work, a brief description of the collaboration process with the deadlines for the work, information on the financing of all parties and their sources. An agreement on collaboration or a memorandum and cooperation between organizations must be signed by the heads of the organization and representatives of all foreign scientific groups participating in it, indicating their email addresses (from the official domain of the scientific organization). Projects with international collaboration are understood as projects aimed at achieving a common aim by scientific groups from different countries.

9. THE EXPERT COMMISSION


- 9.1. The results of the competition are carried out by a specially created expert commission at the University;
- 9.2. The EC is composed of Independent experts in research work with different higher Educational institutions of the Republic of Kazakhstan;
- 9.3. Qualification requirements for members of the Expert Commission:
 - Kazakhstan independent expert engaged for the selection of the competition NIR-natural person, who is a citizen of the Republic of Kazakhstan, has the relevant qualification, scientific degree of doctor or candidate of sciences, doctorate degree (PhD, PhD in profile, work experience in the specialty of at least five (5) years and having at least two (2) scientific articles and (or) reviews in journals included in the first three (3) quartile of the international database Web of Science and Hirsch index at least three (3) for the last five (5) years according to the international databases Web of Science and (or) Scopus;
 - Foreign independent expert engaged for the selection of the competition NIR-natural person, who is not a citizen of the Republic of Kazakhstan, who has the appropriate qualification, scientific degree of doctor or candidate of sciences, doctorate degree (PhD)Doctors in a profile, work experience in a specialty of at least five (5) years, work experience in a specialty in foreign scientific organizations, published in the last five (5) years with at least two (2) articles or reviews in journals, indexed in the Science Citation Index Expanded database Web of Science and (or) have a percentile of Cite Score in the Scopus database of at least thirty-five (35) at the time of appointment;
- 9.4. The tasks and functions of the EC are:
 - Adoption of the final decision and announcement of the winners of the contest;
 - Selection of the most promising applications;
 - Control over the observance of openness, accessibility, objectivity, transparency in the consideration and determination of the winners of the competition;
 - Equal conditions for all participants of the competition, objectivity of evaluation, prevention of disclosure of information about the results of the competition before the date of their official announcement;
 - Decides on the termination, modification, suspension of research work, makes other decisions on the procedure for conducting the competition;

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Appendix A

Methodology for assessing research projects


The name of the criteria and indicators, the level of their assessment	Characteristics of the criterion, indicators and levels of their assessment	Score in points
<i>1. Significance criteria:</i>	<i>The significance of the claimed scientific research (hereinafter-SR) for the science and practice of the field of knowledge on the problem under study</i>	
<i>1.1. The relevance of the proposed research</i>	<i>It is characterized by the degree of compliance with the requirements of science and practice</i>	
High	The solution of the problems set in SR is a primary and priority task for modern medical science and practice	7-10
Relatively high	The solution of the problems set in SR is an important task for modern medical science and practice	4-6
Satisfactory	The solution of the problems set in SR is one of the local tasks of modern medical science and practice	1-3
Not relevant	It does not meet the requirements and tasks of science and practice	0
<i>1.2. The degree of impact of the expected result on medical science</i>	<i>It is characterized by the level and priority of the problems of medical science solved during the implementation of SR</i>	
High	It will have a cardinal impact on the further development of medical science, allowing to solve one of its most important problems	7-10
Relatively high	It will have a cardinal impact on the further development of medical science, allowing significant progress in solving a key problem within one of the priority areas of branch science	4-6
Satisfactory	It will have a cardinal impact on the further development of medical science, allowing laying the foundations for solving one of the existing problems of branch science	1-3
Absent	It does not matter for the development of medical science	0
<i>1.3. Theoretical significance</i>	<i>It is characterized by the degree of influence of research results on existing concepts, approaches, ideas, theoretical concepts in the field of health protection</i>	
High	The research results will lead to the emergence of new ideas, principles, scientific directions, theories, hypotheses, concepts, fundamentally new approaches, opportunities in treatment, diagnosis, disease prevention, organization, management, training.	7-10
Relatively high	The research results will lead to the development and improvement of known principles, methods, provisions, theories, approaches, forms.	4-6

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Satisfactory	The research results will lead to the possibility of a better understanding of the essence of known phenomena, processes, mechanisms, states, patterns, properties.	1-3
Low or absent	The result has little prospects of use, and development or does nothing to solve the problem	0
<i>1.4. Practical significance</i>	<i>It characterizes real achievements in the field of health protection, the organization of various treatment methods that have resulted from the use of medical research in practice.</i>	
High	High value for practical healthcare.	7-10
Relatively high	A certain value for practical healthcare.	4-6
Satisfactory	Low value for practical healthcare.	1-3
Not relevant	It has no value	0
<i>1.5. Assessment of the expected level of implementation</i>	<i>It is characterized by the scale and level of result implementation of the planned research, the presence and magnitude of the economic, social, therapeutic and prophylactic effect</i>	
High	Widespread implementation in the republic with significant impact	7-10
Relatively high	Implementation in multiple organizations with significant impact	4-6
Satisfactory	Implementation in one organization without determining the impact	1-3
Low	No implementation is planned, no effect is expected	0
<i>1.6. Estimation of the expected volumes and forms of implementation</i>	<i>It is characterized by the significance and volume of potential forms of implementation of research results</i>	
High	Patent, specific recommendations and proposals for the healthcare system or industry	7-10
Relatively high	Author's certificate, officially approved methodological recommendations and instructions, manuals	4-6
Satisfactory	Innovation proposal, the act of implementation	1-3
Low	Unaddressed recommendations and general suggestions	0
<i>2. Criteria for scientific and technological novelty</i>	<i>The level of novelty of conducted research, developed concepts, aims and objectives to be solved</i>	
<i>2.1 Level of scientific novelty</i>	<i>It is characterized by the degree of novelty of the formulation and scientific substantiation of the research problem, the lack of research in the indicated direction earlier</i>	
High	The research problem was first formulated and scientifically substantiated, research in this direction has not been previously conducted, the proposed way to solve the research problem has not been previously applied	7-10
Relatively high	In SR, original approaches to solving the research problem are proposed, which make it possible to improve the existing ways of solving it.	4-6
Satisfactory	The proposed approaches to solving the research problem do not significantly surpass the already known ones in terms of efficiency, although they have elements of novelty and originality.	1-3
Low	There are no novelty and originality in the proposed approaches to solving the problem.	0

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<i>2.2. Correctness of the research concept</i>	<i>It is characterized by the degree of clarity and completeness of the research concept, the quality of the formulated aims and objectives</i>	
High	Clear research concept. The name and aim fully reveal the scientific novelty and relevance of the planned research	7-10
Relatively high	The research concept, name, and aim do not fully reveal the scientific novelty and relevance of the planned research.	4-6
Satisfactory	The research concept, name, and aim only partially reveal the scientific novelty and relevance of the planned research.	1-3
Low	There is no research concept. The name and aim do not reveal the scientific novelty and relevance of the planned research	0
<i>3. Criterion of the feasibility of a project or program</i>	<i>It is characterized by the degree to which the proposed environment and research conditions correspond to the set aims, objectives, and expected results.</i>	
<i>3.1. Scientific and methodological level</i>	<i>It is characterized by the degree of methodological elaboration of the planned research by the correspondence of its design, the set aims and objectives</i>	
High	The research will be carried out using correct methods, on a sufficient volume of material, and with full statistical processing of the results.	7-10
Relatively high	The research will be carried out using correct methods, but on a limited volume of material and with partial statistical processing of the results.	4-6
Satisfactory	In a number of cases, the expected results of the research have low probative power due to the impossibility of determining their statistical reliability, individual methodological errors, and insufficient amount of material.	1-3
Low	The methods planned for use are to a certain extent not adequate to the aims and objectives of the research, the volume of the material is not clear, statistical processing of the results is not planned	0
<i>3.2. The presence of a groundwork</i>	<i>The level of readiness of executors to solve the tasks set in the SR, assessed by the results of their previous work</i>	
Significant groundwork	The presence of positive results confirming the correctness of the chosen direction, the presence of publications on the research topic	7-10
Certain groundwork	The presence of primary material confirming the correctness of the chosen direction, the appropriate research methods have been mastered	4-6
Minimum groundwork	Research methods mastered	1-3
No groundwork	There is no groundwork on the research topic	0
Absent	Insufficient	0
<i>3.3. Validity of the timing of the research</i>	<i>It is characterized by the degree of validity of the timing of the study, including its individual stages and activities</i>	
High	Meets the planned deadlines	7-10
Relatively high	The deadlines are overstated from the specified deadline or underestimated in relation to the required deadline by no more than	4-6

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	50 %	
Satisfactory	The deadlines are overstated from the specified deadline or underestimated in relation to the required deadline by more than 50 %	1-3
Absent	Deadlines are not justified	0
<i>4. The quality criterion for the preparation and design of a SR</i>	<i>It is characterized by the degree of compliance of the proposed SR with generally accepted norms and established requirements for writing and design of scientific projects and programs</i>	
<i>4.1. The quality criterion for the preparation of a scientific project or program</i>	<i>It is characterized by the degree of compliance of the structure and content of the SR with the established requirements</i>	
High	The SR contains and discloses all the necessary sections - relevance, aim, objectives, research design, and others. A good scientific style of writing a project or program.	7-10
Relatively high	The SR contains the necessary sections, but they are not sufficiently disclosed. There are some small comments on the scientific style of writing a project or program.	4-6
Satisfactory	The SR contains the necessary sections, but some of them are practically not disclosed. There are significant comments on the scientific style of writing a project or program.	1-3
Absent	The SR lacks a number of necessary sections, the existing sections are practically not disclosed. There are gross stylistic and spelling errors.	0
<i>4.2. Conformity assessment of used scientific works and literature</i>	<i>It is characterized by the degree of conformity between the scientific works and literature used on the problem raised and the level of their novelty</i>	
High	The scientific and reference apparatus used - corresponds to the current state standards, contains applications in the form of diagrams, tables, graphs, illustrations, etc. The authors refer to the literary sources directly related to the problem being solved and published in the scientific literature no more than 5 years ago.	7-10
Relatively high	The scientific works and literature used by the authors are relatively consistent with the problem being raised and in the bulk have novelty (the age of the cited publications is no more than 10 years)	4-6
Low	The scientific works and literature used by the authors in the bulk do not correspond to the problem being raised and have no novelty (the age of the cited publications is more than 10 years).	1-3
Absent	The work does not contain references to scientific works and publications	0



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Each indicator is evaluated on a 10-point scale. For each project, a total score is given. The maximum possible score that a project receives is 130.

Following the results of the second stage, the EC makes one of the following decisions:

1) SR deserves unconditional support (this decision is made if SR has received 65-130 points, that is, at least 50% of the maximum possible number of points and has no essential comments and (or) has a number of comments that do not detract from the scientific and practical value of the results obtained, which will be eliminated in the course of work);

2) SR does not deserve support (this decision is made if SR received 0-64 points, that is, less than 50% of the maximum possible number of points and has a number of comments regarding the quality of the work, its scientific and practical value, while objectively eliminating the comments, within the framework of the presented SR is impossible and requires a revision of its entire concept).

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Appendix B

Application for participation in the competition for grant funding of scientific and (or) scientific and technical projects

The application consists of the following parts:

- 1) annotation;
- 2) explanatory note;
- 3) calculation of the requested funding.

1. Annotation

The annotation contains a brief description of the project's purpose, the problems it is aimed at studying, the main approaches to conducting research, and the expected results.

The volume of the annotation should not exceed 2 (two) A4 pages.

2. Explanatory note

The content of the explanatory note includes the following sections (at the same time, tables, diagrams, diagrams that are referenced in the application form are included in the appendix to the explanatory note and are not taken into account when calculating the number of words in the relevant sections and the total number of pages of the application):

1. General information

- 1.1. Name of the project topic [no more than 20 words].
- 1.2. The name of the priority direction of the development of science for which the application is submitted.
- 1.3. The name of the specialized scientific direction for which the application is submitted, the type of research.
- 1.4. Estimated start and end date of the project, its duration in months.
- 1.5. The requested amount of grant funding (for the entire duration of the project and by years, in thousand tenge).
- 1.6. Key words characterizing the industry and the direction of the application for the selection of experts.

2. General concept of the project [no more than 550 words]


2.1. Introductory part [no more than 100 words]

A brief description of the project idea, the problem to be solved, is indicated.

2.2. Project aim [max 50 words]

The aim is stated succinctly and concretely, should be consistent with the project theme, be achievable and reflect the nature of the solution expected to be obtained from the project. The content of the aim should reflect the main question that is supposed to be answered as a result of the research.

2.3. Project objectives [no more than 400 words]

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This section describes how to achieve a project aim through logically interrelated, sequential tasks. A list of tasks is given:

- 1) with measurable indicators of solving the problem;
- 2) with a brief justification of the role of each task in achieving the aim of the project and the relationship with other tasks and expected results of the project;
- 3) with other important, in the opinion of the applicant, parameters.

3. Scientific novelty and significance of the project [no more than 1,500 words]

The section should contain the following information:

- 1) prerequisites for the development of the project (if available, the preliminary results and (or) the results previously obtained by the applicant related to the project topic are indicated);
- 2) substantiation of the scientific novelty of the project with a mandatory review of previous scientific research carried out in the world and the Republic of Kazakhstan related to the topic under study, the existing lack of knowledge, and their relationship with this project (in the context, references to the literature used in the review should be indicated, the full explanation of which should be provided in section 8 " Bibliography"), comparison of the expected results of the project with known available analogues;
- 3) scientific and technological needs justifying the importance of the project results (if any, include social demand and (or) economic and industrial interest, other supporting data), the significance of the project on a national and international scale, the applicability of its results for the development of the relevant sphere of the economy, science and / or public relations;
- 4) the impact of the project on the level of research work, scientific and technical potential, the competitiveness of scientific organizations and their teams, the expected social and economic effect of the project results, the conditions necessary to achieve the expected effect.

When describing this section, it is necessary to pay attention to the description of the following items:

- 1) fundamental differences between the project idea and existing analogues. If the idea or result of the research already exists in the world and (or) in Kazakhstan, it is necessary to justify what are the advantages of the project and why it should be financed;
- 2) if the end result of the project is a product, it is necessary to describe the current state of the art in the subject area of the project in comparison with the product proposed within the project;
- 3) if the project is a continuation of the scientific research previously conducted by the applicant, it is necessary to clearly and concisely state the relationship of the project with previously conducted scientific research and its differences from them.

4. Research Methods and Ethical Issues [1,500 words max]


This section includes the following information:

- 1) a description of the main scientific issues and hypotheses of the project, the rationale for the research strategy and approaches, the types of research used in the project (descriptive, correlation and / or experimental), the sequence of research;
- 2) a brief description of the most important experiments;
- 3) a description of the research methods used in the project as a justification for the ways to achieve the set aims, their relationship with the aim and objectives of the project;
- 4) methods of collecting primary (initial) information, its sources and application for solving project problems, methods of data processing, as well as ensuring their reliability and reproducibility;
- 5) conditions for registration and division of intellectual property rights for research results (it is necessary to indicate which method of intellectual property protection will be chosen, justify the choice).

5. Research team and project management [max 1,500 words]

The section includes a description of the research group, indicating the data of at least 70% (seventy percent) of the planned staff (key personnel). When describing the main personnel, the following are indicated:

- 1) the composition of the research group according to Table 1. For members of the research group

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who are involved in the project on a part-time basis, the number of hours that they will spend on the project is indicated.

2) participation of foreign scientists in the project, indicating their brief resume, main scientific publications and achievements in the direction corresponding to the direction of the project, and their role in achieving the aim, objectives and expected results of the project.

3) participation of young scientists (master's student, doctoral students) in the project, indicating their role in the implementation of the project, as well as the nature of the work performed. Also, engineers from production can participate in the project.

4) justification for the participation of each member in the research group, including foreign scientists. A brief resume of each member indicating education, degree / academic degree, academic title, work experience in the direction of the project, Hirsch index and links to the profile in the corresponding scientometric base (if any), main achievements justifying participation in the project. The direction and nature of the work of each member in the project, their role in achieving the aim, and expected results of the project.

5) a description of the backlog of the research group members. Information about the main publications (if any, indicate the link to the publication in the relevant database and / or Digital Object Identifier DOI) and available patents, copyright certificates and other titles of protection of the project manager and members of the research group related to the project topic. Indicate how the claimed research is related to their previous research.

For the project manager, all publications must be indicated that confirm their compliance with the requirements of the competition documentation, including with a citation index, quartile (percentile) of the publication and links to information about publications in the relevant scientometric databases (DOI).

Information about the publications of the main staff of the research group in the direction of the project (in total at least 10 publications of the members of the research group) should be provided, with a citation index and links to information about publications in the corresponding scientometric databases. The names of members of the research team should be underlined.

For additional personnel (up to 30% of the members of the research group who will be involved in the case of receiving a grant), their position and role in the project, the nature of the work performed and the approaches that will be used for their selection are indicated.

6. Research environment [no more than 750 words]

This section includes the following information:

1) a description of the applicant's material and technical base (equipment, instruments, inventory, transport, buildings, structures and others) directly used for the implementation of the project, indicating the direction of its use and members of the research group who have the skills to work with research equipment;

2) key domestic and international relations (collaborators and private partners) used for the implementation of the project, indicating the nature and justification of their use. Using the infrastructure of other domestic and foreign organizations (laboratories) with justification;

3) involvement of third-party organizations in the implementation of the project with the justification of the need to involve each organization, a description of its role in the project, the nature of the work performed, contribution to the achievement of the aim and expected results;

4) justification of mobility: scientific trips and their impact on the implementation of the project, periods of work on the basis of partner organizations and their impact on the implementation of the project. For each foreign business trip, the aim, the expected result of the trip, and the contribution of the executor to the achievement of the project aim are briefly indicated.

7. Justification of the requested funding [no more than 1,500 words].

This section includes the following information:

1. Summary calculation for the project (budget) according to Table 2. The project budget is allocated by the project manager in accordance with the work plan and cannot be directed to other items of expenditure not related to this project.

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The item " Official business trips" indicates all costs associated with business trips within and outside the Republic of Kazakhstan directly related to research, including participation in conferences, seminars, symposia, trips to use the infrastructure of other organizations according to tables 3 and 4 (for tickets (auto, railway, air tickets) attach price offers from the sites of the companies served, a draft business trip plan).

The item "Other services and works" indicates the costs of services purchased by the executor from business entities, the result of which is necessary to achieve the aim of the project, including (1) services of scientific laboratories for collective use and other laboratories, (2) services of organizations of co-executors, (3) organizational fees for participation in conferences, seminars, symposia and others in accordance with Table 6 (for purchased goods, works, services, attach three price offers or price lists).

The item "Purchase of materials" indicates all the costs of materials necessary to achieve the aim of the project, including chemicals, solvents, standard samples, laboratory consumables, spare parts for research equipment, fuel and lubricant materials and others according to table 6 (for purchased goods, works, services, attach three price offers or price lists).

The item "Purchase of equipment and (or) software" (for legal entities) indicates the costs of purchasing equipment and software necessary to achieve the aim of the project in accordance with Table 8 (for purchased goods, works, services, attach three price offers or price lists).

The item "Scientific and organizational support" may include expenses (1) for patenting scientific results obtained as a result of the project, (2) publication of research results, (3) purchase of analytical materials according to Table 8 (for purchased goods, works, services, attach three price offers or price lists).

The item "Rental Expenses" indicates the costs of renting premises, equipment and machinery necessary to achieve the aim of the project, if the applicant does not have the appropriate premises according to tables 9 and 10 (for purchased goods, works, services, attach three price offers or price lists).

The item "Operating costs of equipment and machinery" indicates the costs of utilities related to the implementation of the project, as well as the costs of maintaining premises, equipment and machinery directly involved in the research in accordance with Table 11 (for purchased goods, works, services, attach three price offers or price lists).

2. Calculations for each item of expenditure according to tables 3 - 12.

3. Brief explanations to the content and calculation of the amount of each item of expenditure with the obligatory justification of their necessity to achieve the aim, objectives and expected results of the project, as well as indicating the sources of information on prices, on the basis of which the corresponding item of expenditure was calculated.

The total amount of all items of expenditure represents the requested amount for funding and must be equivalent to the amount stated in paragraph 1.5. section "General information".

The summary estimate of the project, submitted as part of the application, may be amended on the basis of the decision of the PC.

8. Project implementation plan [no more than 750 words]


The section includes a detailed, sequential work plan for the project in the form of a Gantt chart or according to table 13.

The project implementation plan should be accompanied by brief explanations justifying the significance of each activity for solving the corresponding problem, the cost of the activity in accordance with the project budget, indicating, at the discretion of the applicant, other information necessary for a reliable assessment of the project by experts.

9. Expected results [no more than 750 words]

The section describes the main result of the research, that is, the result corresponding to the achievement of the project aim, indicating its quantitative and qualitative characteristics and the form of implementation. The substantiation of the result is given in accordance with the aim and objectives of the project.

Depending on the requirements of the competition documentation, the forms of implementation of

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the project result may be:

1) publication of articles in foreign peer-reviewed scientific journals (presumptive editions for the publication of the results of the project, publication citation index, with reference to information about the publication in the corresponding scientometric database). Requirements for the number of articles based on research results are established in the competition documentation. Each article must contain information about the identification registration number and the name of the project under which it was funded, indicating grant funding as a source.

2) publication of monographs, books and (or) chapters in books of foreign and (or) Kazakhstani publishing houses;

3) obtaining patents in foreign patent offices (European, American, Japanese), in Kazakhstan or Eurasian patent offices;

4) development of scientific and technical, design documentation;

5) dissemination of the results of work among potential users, the community of scientists and the general public;

6) other measurable results in accordance with the requirements of the competition documentation and the specifics of the project. Additionally, the section indicates:

1) the scope and target consumers of each of the expected results;

2) the impact of the expected results on the development of the main scientific direction and related fields of science and technology;

3) applicability and (or) the possibility of commercializing the obtained scientific results;

4) social, economic, environmental, scientific and technical, multiplicative and (or) other effects of the project results with justification;

5) other direct and indirect results of the project, indicating their qualitative and quantitative characteristics.

10. Bibliography

The section contains publications, references to which were indicated in paragraph 3 "Scientific novelty and significance of the project".

Each publication must contain the full name of the journal, edition number, year of publication, page numbers, the full title of the article, names of all authors of the article.

Application:

1) a copy of the certificate or abstract from the order of the authorized body on the accreditation of the subject of scientific and (or) scientific and technical activities;

2) a copy of the certificate of state registration of an individual entrepreneur (if the applicant is an individual);

3) the composition of the research group according to table 1;

4) an action plan for the implementation of the project in accordance with Table 12;

5) a plan for contributing to the implementation of the project from the private partner in accordance with Table 13 (for applied research).


3. " Calculation of the requested funding"

The part "Calculation of the requested funding" is drawn up in the form of tables 2 - 11, justifying the calculation of the amount of grant funding requested for the implementation of the project.

Explanations of the calculations are given in section 7 "Justification of the requested funding" of the "Explanatory Note" part.

Table 1 - Composition of the research group for conducting scientific research

№ p/s	Full name, degree / academic degree, academic title ¹	Main place of work, position ²	Role in a project or program	Project work period (months)		
				1st year	2nd year	3rd year

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¹ For members of the research group, whose data is not known at the date of preparation of the application and whose involvement is planned in case of receiving a grant, the word "Vacancy" is indicated in the column "Full name, degree / academic degree, academic title".

²For members of the research group who are not part of the main staff and who are not identified at the date of preparation of the application, a dash is indicated in the column "Main place of work, position". For doctoral students, master students whose data is not known as of the date of application preparation, in the column "Main place of work, position" the status is indicated (postdoctoral student, doctoral student, master student, specialty and higher educational institution from which it is planned to attract the appropriate workers to the research group).

Table 2-Summary estimated calculation of expenses for the requested amount

№ p/s	Name of the expense item	The amount of financing, thousand tenge			
		Total	20_____ (1st year)	20_____ (2nd year)	20_____ (3rd year)
1.	Official business trips:				
1.1.	within the Republic of Kazakhstan				
1.2.	outside the Republic of Kazakhstan				
2.	Other services and works				
3.	Purchase of materials				
4.	Purchase of equipment and / or software (for legal entities)				
5.	Scientific and organizational support				
6.	Rent of premises				
7.	Equipment and machinery rental				
8.	Operating costs of equipment and machinery used to carry out research				
Total					


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Table 3-Official business trips within the Republic of Kazakhstan

№ p/s	Destination (name of the locality, region)	Norms of reimbursement of expenses for 1 person, tenge ³		Number of days		Number of business travelers, people	The cost of one round trip, tenge	Total, thousand tenge gr.7× (gr.3× gr.5+ gr.4× gr.6)+ gr.7× gr.8
		daily allowance (2 MCI)	rental of residential premises	for daily expenses	rental of residential premises			
1	2	3	4	5	6	7	8	9
1.	20____(1st year)						x	
1.1.								
1.2.								
...								
2.	20____(2nd year)						x	
2.1.								
2.2.								
...								
3.	20____(3rd year)						x	
3.1.								
3.2.								
...								
Total (gr. 1 + gr. 2 + gr. 3)								

³ When calculating the amount of reimbursement of expenses, a business trip employee should be guided by the Rules on Official Business Trips within the Republic of Kazakhstan of Employees of State Institutions Maintained at the Expense of the State Budget, approved by Resolution of the Government of the Republic of Kazakhstan No. 1428 of September 22, 2000 and Resolution of the Government of the Republic of Kazakhstan No. 256 of May 11, 2018 "On approval of the Rules for Reimbursement of Expenses for Official Business Trips at the Expense of Budget Funds, including to Foreign Countries.



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Table 4-Official business trips outside the Republic of Kazakhstan

№ p/s	Destination (country, city) ⁴	Name of the expense item ⁵	Cost, tenge	Number of days	Number of business travelers, people	Total, thousand tenge (gr. 4 × gr. 5 × gr. 6)
1	2	3	4	5	6	7
1.	20____(1st year) total		x	x		
1.1.		Round-trip travel ⁶ , tenge				
		Accommodation, tenge per day				
		Daily allowance, tenge per day				
		Visa expenses, tenge				
		Medical insurance, tenge				
	Total					
...						
2.	20____(2nd year) total		x	x		
2.1.		Round-trip travel ⁶ , tenge				
		Accommodation, tenge per day				
		Daily allowance, tenge per day				
		Visa expenses, tenge				
		Medical insurance, tenge				
	Total					
...						
3.	20____(3rd year) total		x	x		
		Round-trip travel ⁶ , tenge				
		Accommodation, tenge per day				

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3.1.		Daily allowance, tenge per day				
		Visa expenses, tenge				
		Medical insurance, tenge				
	Total					
...						
Total (gr. 1 + gr. 2 + gr. 3)			x	x		


⁴ It is filled in for each scientific trip outside the Republic of Kazakhstan in the corresponding year of the project implementation

⁵The norms for reimbursement of daily expenses and the maximum norms for reimbursement of expenses for hiring hotel rooms to employees are calculated in accordance with the Resolution of the Government of the Republic of Kazakhstan dated May 11, 2018 No. 256 "On approval of the Rules for Reimbursement of Expenses for Business trips at the expense of budgetary funds, including to foreign countries"

⁶When traveling abroad, transportation costs in foreign currency are reimbursed in the amount of the cost of the air ticket in the "Econom"

Table 5-Other services and works

№ p/s	Name and brief description of the service	Executor	Service result	Unit of measurement	Number, unit	Total, tenge
1	2	3	4	5	6	7
1.	20__(1st year)	x	x	x	x	
1.1.						
1.2.						
...						
	Total					
2.	20__(2nd year)	x	x	x	x	
2.1.						
2.2.						
...						

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	Total					
3.	20__ (3rd year)	x	x	x	x	
3.1.						
3.2.						
...						
	Total					
Total (gr.1 + gr.2 + gr.3), thousand tenge			x	x	x	


Table 6 - Purchase of materials

№ p/s	Name of materials	Unit of measurement	Price per unit, tenge	20__ (1st year)		20__ (2nd year)		20__ (3rd year)		Total cost, tenge (gr.6 + gr.8 + gr.10)
				Quantity	Cost, tenge (gr.4 × gr.5)	Quantity	Cost, tenge (gr.4 × gr.5)	Quantity	Cost, tenge (gr.4 × gr.5)	
1	2	3	4	5	6	7	8	9	10	11
Total:				x		x		x		

Total:				x		x		x		

Table 7-Purchase of equipment and / or software (for legal entities)


№ p/s	Name	Manufacturer, model, main characteristics	Unit of measurement	Number of units	Cost per unit, tenge	Total cost, tenge (gr.5 × gr.6)
1	2	3	4	5	6	7
1.	20__ (1st year), total				x	
1.1.						

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1.2.						
...						
2.	20____(2nd year), total				x	
2.1.						
2.2.						
...						
3.	20____(3rd year), total				x	
3.1.						
3.2.						
...						
Total					x	

Table 8-Scientific and organizational support

№ p/s	Name of the service	The result of the service, its main characteristics	Unit of measurement	Number of units	Total cost, tenge
1	2	3	4	5	6
1.	20____(1st year), total		x	x	
1.1.					
1.2.					
...					
2.	20____(2nd year), total		x	x	
2.1.					
2.2.					


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...					
3.	20___(3rd year), total		x	x	
3.1.					
3.2.					
...					
Total (gr.1 + gr.2 + gr. 3)			x	x	

Table 9 - Rental of premises

№ p/s	Name of the service	The main characteristics of the rental object	Unit of measurement	Price per unit, tenge	Number of units	Total, tenge (gr. 5 × gr. 6)
1	2	3	4	5	6	7
1.	20___(1st year), total	x	x	x		
1.1.						
1.2.						
...						
2.	20___(2nd year), total	x	x	x		

2.1.						
2.2.						
...						
3.	20___(3rd year), total	x	x	x		
3.1.						
3.2.						
...						
Total (gr. 1 + gr. 2 + gr. 3)		x	x	x		

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Total										

Table 12 - Implementation work plan

№ p/s	Name of tasks and measures for their implementation	Start of execution (dd / mm / yy)	Duration, months	Expected results of the project implementation (in the context of tasks and activities), the form of completion		
				1st year	2nd year	3rd year
1	2	3	4	5	6	7

Table 13-Partner's contribution plan

№ p/s	Partner's name, address, contact information	Contribution form (no more than 50 words)	Contribution cost, thousand tenge	Contribution date (dd.mm.yyyy)
1	2	3	4	5


F P WKMU 49-02-2024. Application for participation in the competition for grant funding of scientific and(or) scientific and technical projects. Seventh edition.

Appendix C

Report on research work

1. Title page (in accordance with State Standard 7.32-2001 "Report on research work").
2. List of executors
3. Abstract (keywords, brief annotation (aim, objectives, materials and methods, results))
4. Contents
5. Introduction.

The introduction should contain an assessment of the current state of the problem being solved, the basis and initial data for the development of the topic, the justification for the need for research. The introduction should show the relevance and novelty of the topic, the relationship of this work with other

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research works.

Main part. Should contain:

- report on creative and (or) experimental research carried out;
- generalization and assessment of research results, including an assessment of the completeness of the solution of the assigned tasks and proposals for further areas of work.

6. Conclusion.

Should contain:

- conclusions based on the results of research work;

7. List of sources used (links in the report are required)

8. List of publications on the project, participation in scientific events (Scientific products-supporting materials must be placed on the personal page in Sirius).

9. Applications.

Submission of the report at the PC meeting in the form of a presentation:

1. The name of the topic and the composition of the research group;
2. Budgetary use of the grant;
3. Fulfillment of the CP for Appendix D-E;
4. Scientific products

F P WKMU 49-03-2024. Report on a scientific project (teaching staff, employees). Seventh edition.


Appendix D

Interim / annual report on the implementation of the calendar plan of research work on the topic
" _____ " from _____ to _____


№ p/s	Name of tasks and measures for their implementation	Start of execution (dd / mm / yy)	Duration, months	Expected results of the project implementation (in the context of tasks and activities), the form of completion			The results obtained For the reporting period
				1st year	2nd year	3rd year	
1	2	3	4	5	6	7	8

Project Manager _____ FULL NAME

F P WKMU 49-04-2024. Interim / annual report on the implementation of the calendar plan of research work on the topic. Seventh edition.

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4.	Publications (abstracts, articles) in collections of materials of international scientific conferences (Conference Proceedings) indexed in the databases of scientific information Web of Knowledge and Scopus									
5.	Scientific monographs indexed in the databases Web of Science (Web of Science), Scopus (Scopus), Springer (Springer)									
6.	Chapters in collective monographs indexed in the databases Web of Science (Web of Science), Scopus (Scopus), Springer (Springer)									
7.	Short publications (letter to the editor, correspondence, comment, response to comment, etc.), with the exception of conference materials									
8.	Patents issued by foreign or international patent agencies (including Eurasian patents and patents issued by other regional or national patent agencies), patents of the Republic of Kazakhstan for invention, utility model									
9.	Certificate of registration of intellectual property, innovative patents									
10.	Number of commercialized developments - own original developments									
11.	The number of implementation certificates received									
12.	The number of scientific developments (methodological recommendations, textbooks, manuals, regulatory legal acts approved by state bodies (programs, rules, instructions)									
13.	Participation in international conferences and forums with a report									
14.	Publication of abstracts (articles) in the collection of conference materials indexed by databases of scientific information of the Republic of Kazakhstan and CIS countries									
	Total score									

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9.	Certificate of registration of intellectual property, innovative patents																				
10.	Number of commercialized developments - own original developments																				
11.	The number of implementation certificates received																				
12.	Participation in international conferences and forums with a report																				
13.	Publication of abstracts (articles) in the collection of conference materials indexed by databases of scientific information of the Republic of Kazakhstan and CIS countries																				
14.	The number of scientific developments (methodological recommendations, textbooks, manuals, regulatory legal acts approved by state bodies (programs, rules, instructions)																				
15.	Participation in international conferences and forums with a report																				
	Total score																				


F P WKMU 49-07-2024. Criteria for evaluating the results of annual reports of the third year of scientific research. Seventh edition.

Appendix H

Expert review of the research project of the competition for grant
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Project name:

The name of criteria and indicators, the level of their assessment	
1. Criteria of significance:	
1.1. Relevance of the planned research	
1.2. The degree of impact of the expected result on medical science	
1.3. Theoretical significance	
1.4. Practical significance	
1.5. Assessment of the expected level of implementation	
1.6. Assessment of the expected volumes and forms of implementation	
2. Criteria of scientific and technological novelty	
2.1 The level of scientific novelty	
2.2. The validity of the research concept	

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3. Criteria for the feasibility of a project or program	
3.1. Scientific and methodological level	
3.2. The presence of a reserve	
3.3. Validity of the study completion dates	
4. The criterion of the quality of the compilation and design of the NI	
4.1. Quality criteria for the preparation of a scientific project or program	
4.2. Assessment of the conformity of the used scientific works and literature	
Total	
PLUSES	
MINUSES	
Conclusion	

F P WKMU 49-08-2024. Expert review of the research project of the competition for grant Financing of research works funded from own funds NCJSC «WKMU». Seventh edition.

