**PROVISION**

**Of the “ERGONOMICS OF THE FUTURE”**

 **Seventh International Contest**

**on energy and ecology saving ideas and technologies**

* 1. General provisions

1.1 This Provision regulates the status and procedure of the Seventh International Сontest of energy and ecology saving ideas and technologies "Ergonomics of the Future" (hereinafter - Contest).

1.2 Goals and objectives of the“Ergonomics of the Future” contest:

* promotion of energy saving as the norm of life;
* attraction of the most active part of young people to the creative process and the work in the field of energy and ecology saving. Development and search for new ideas to save energy;
* encouragement of participants, working on environmental issues and energy saving;
* search for new ideas of energy saving and their implementation.

1.3 Organizer of the contest is the “ProEco” company.

The contest is held with support of "Ergonomics" in collaboration with "Kazpromavtomatika", Karaganda State Technical University (KSTU), with the support of UNDP, Karaganda regional administration, "Philips" (Netherlands) and G-Global companies.

1.4 This Provision defines the requirements to the participants of Contest, to the projects of Contest works and the procedure of their submission to the Contest, the Contest period. Provision applies until the completion of Contest events.

1.5 Additional information is published on the official website of the Organizer www.proeco.center.

1.6 The contest will be held from February 26 to November 25, 2016.

2. Conditions of participation in the Contest

2.1 The Contest is open to all participants (including overseas).

2.3 The Project must comply with direction of the Contest;

2.4 The Project and all documents can be submitted in Kazakh, Russian or English languages.

2.5 Content of the project in all cases should reflect creative independence of the author in solving technical problems;

2.6 Participation in the Contest can be carried out both individually and collectively as part of the project team (maximum 3 people).

2.7 In order to register as a Participant, an Application should be completed and submitted in the prescribed form according to Annex 1. Also a copy of the identity document and the Project should be annexed to the Application. Deadline – from February 26 to October 21, 2016. The organizer reserves the right to reject any application to participate in the Contest without giving reasons.

2.8 The Projects are accepted in the following categories:

* **The most original idea for energy saving.** We are accepting ALL (literally ALL) the ideas. Even those that is impossible to implement practically. Main criteria: novelty and originality. As well as the absence of contradictions to the basic laws of physics and logic. So we are waiting for any interesting offers, without regard to practicality and feasibility. If there is an idea then technique will be improved!
* **Environmental protection.** We are accepting projects containing new ideas and solutions for environmental protection aimed at reducing emissions of pollutants into the atmospheric air, waste water discharges, waste disposal. We are expecting new and original ideas. The possibility of a practical and simple implementation is welcome.
* **EXPO2017. We are accepting projects containing original ideas for the organization, implementation or presentation of Kazakhstan at the EXPO-2017 International Exhibition. The best project will be sent directly to the actual event.**
* **Solution of practical problems**. We are accepting design projects containing new ideas and original approach in solving municipal problems from the point of view of energy efficiency and sustainability. We are accepting valid projects concerning any problems of your city.
* **Environmental educational program.**  We are accepting projects containing original ideas that contribute to the formation of environmental - and energy - literate population.
* **“Green” construction.**  The idea of this category is to create an architectural structure (home, office), which will be supported by a microclimate favourable to life. As a result of the held events the building should be environmentally friendly, economical, energy efficient and comfortable to live in. Projects that represent the most original and effective ideas aimed at solving the problem. The most successful solution will be implemented practically.
* **Lighting solution**. We are accepting projects containing new ideas and solutions for efficient lighting (domestic, industrial, street), aimed at improving efficiency and reducing energy consumption.

2.9 The participants in the period up to October 21, 2016 must provide works to the Contest in accordance with the following content:

* urgency;
* originality;
* novelty;
* economic efficiency;
* ecological efficiency;
* energy efficiency;
* rationalism;
* personal contribution of the Contestant;
* practicality;
* social significance.

Projects can be presented from the point of view of energy, design or construction.

2.10 The project should reflected and clearly articulate: the goal, purpose, relevance, benefits, research results, description of the instrument, device or technological process, calculations, illustrations (photos, tables, diagrams, etc.), conclusions, personal contribution of Contestant, economic, environmental efficiency, social value, payback period, current status.

2.11 The main requirements to the work of Contestant:

a) Contest work is made on A4 sheets in the form of text accompanied, if necessary, with illustrative material in the form of tables, charts, drawings, infographics, etc. All visual materials should be numbered according to the following form: Annex 1, Annex 2 etc. In case of the use of visual material in the work it is necessary to specify the reference of this visual material in the text, in the following form (see Annex 1, Annex 2 etc.).

b) The Project must not exceed 10 pages.

b) The body font is Times New Roman.

Font size – 12-14 regular font characters below.

Line spacing – single.

The page numbering - consecutive.

All amounts specified in the project should be expressed in tenge or dollars.

Units of physical quantities should be given in international SI system.

Demonstration material is attached to the project in printed form or recorded on the disc.

2.12 Each document should be signed by the authors. Documents included in the application must be stapled, stitched or packed in such a way in order to prevent the loss of sheets.

2.13 Documents required for participation in the Contest:

* Application (Annex 1);
* Contest work (project);
* Copy of birth certificate/ID/passport.

2.14 The work must be sent in electronic form to the e-mail: future@proeco.center and on paper in two copies to the address: Karaganda, 100019, Krivoguza Street 57/2 .

2.15 The organizer reserves the right to reject the participant's work which does not meet the requirements of this Provision.

2.16 Contestants who have received official notification of successful registration as members, are invited to the presentation of the project participants-the semi-finalists.

2.17 Copyrights for works created in the framework of the contest remain with the contest participants. Use of the projects out of competition is consistent with the authors.

3. Contest Commission

3.1 Organizers form a working group for organization and conduct of the Contest and Contest Commission (not more than 10 people), elect a Chairman of the Contest Commission.

3.2 Organisers may invite representatives of ministries and departments, independent experts in the field of energy saving and investments to the work of the Competition Commission

4. Procedure and stages of the Contest

4.1. Contest is held in 4 stages:

First stage – **from February 26 to October 21, 2016** – collection of applications for participation in the contest and pre-qualification selection of participants.

Second stage – **from November 7 to November 11, 2016** **–** selection of projects meeting the requirements of the Contest, examination of Contest works.

Third stage – **from November 14 to November 28, 2016** – presentations of projects of participants-finalists. Choice of winners.

Final stage – **from November 21 to November 25, 2016** – final of the Contest, awarding of the winners in all nominations will take place at the address: Republic of Kazakhstan, Karaganda, Krivoguza Street 57/2 building ( "Ergonomics" TH).

4.2 Contestants shall bear all costs associated with the preparation and filing of documents, as well as costs for transport and accommodation (if desired, personal participation at the ceremony).

4.3 Decision of the Contest Commission will be additionally published on the official website of the Organizer at the address: www.proeco.center. Decision of the Contest Commission would not be commented, revision of results is not made and it is not subject to appeal.

5. Remuneration of Contest participants

5.1 Winners are selected by the expert Commission on the basis of the above criteria and requirements.

5.2 Winners will be awarded with diplomas and valuable prizes.

Annex 1

**APPLICATION**

**FOR PARTICIPATION IN THE “ERGONOMICS OF THE FUTURE”**

 **SEVENTH INTERNATIONAL CONTEST ON ENERGY**

**AND ECOLOGY SAVING IDEAS AND TECHNOLOGIES**

1. I (we) undersigned, after studying the information about the contest, expressing our desire to participate in it.

2. I (we) confirm that the work submitted to the contest, was made personally by me (us).

1. This Application is submitted with the full understanding that:,

- submission of an application does not guarantee the participant's passage to the next round;

- contest organizers do not claim and do not register the applicant's rights to "know-how" presented in the application;

 - organizers have the full right to study the application and the information contained therein, to publish in mass media the ideas contained in it, to promote energy saving policy, referring to the present contest and its participants;

- my (our) may be rejected and I (we) will not require the explanation;

- I (we) agree that I (we) will not demand the return of those materials, which have been filed as the energy saving project.

1. Submitting this Application I (we) grant you the powers to study the technical documents, together with the present Application and the energy saving project, to contact me (us) for clarification of various issues connected with the submitted project.
2. For more information you can contact:

|  |  |
| --- | --- |
| Full name |  |
| Place of study, work, activity |  |
| Position |  |
| Address |  |
| Telephone |  |
| E-mail |  |
| Skype |  |

1. If necessary, the participant can take away the documents provided within 30 days after the end of the contest.
2. The following attached to this Application:

- Copy of ID;

- the energy saving project in 2 copies on \_\_\_\_\_\_ sheets.

8. Project nomination\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Project name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. I (we) aprrove correctness of all data specified in the Application and accompanying documents.
2. Additional information\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ «\_\_\_» \_\_\_\_\_\_\_ 20\_\_\_

 (Contestant’s signature)

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Application and accompanying documents on \_\_\_\_\_\_\_ sheets were received

Registered in the applications register under No.\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ «\_\_\_» \_\_\_\_\_\_\_ 20\_\_\_

 (Organizer’s signature)