



Contracting Authority: Agro-Food Industries Alliance

This alliance is funded by the Academy of Scientific Research and Technology under the "Egypt Research and Technology Alliances (EG-KTA) Program"

Guide for Applicants

Second call for proposals

Deepen local manufacturing in Agro-Food industries

Call for Solution

Reference number: AGFA-2-2019-06

Deadline for submission
of Grant application form

04th August, 2019 at 15:00 (Cairo date and time)

1. Background

Egypt Knowledge and Technology Alliances (EG-KTA) Program, created by Academy of Scientific Research and Technology, aims to pool and network national competences and capabilities at universities, research organizations, NGOs and industry to drive innovation and technology transfer for solving national pressing problems in Egypt.

1.1 Objectives of the programme and priority issues

The **global objective** of this call for proposals is deepen local manufacturing in Agro-Food industries and increase the competitiveness of this sector to drive innovation and technology transfer for solving national pressing problems in Agro-Food Industries Sector.

1.2. The following priorities should be addressed under this call for proposal

The **key priorities** of this call for proposals are:

Lot 1: Innovation in Agro-Food Industries

- Innovation in Food, Energy & Water
- Innovation in Agro-Food products & Technology
- Development Egyptian probiotics & prebiotics in Food products
- Produce Egyptian Natural preservative / bactericidal effect
- Develop functional foods using Egyptian functional ingredients
- Agro-Food industry's waste management/recycle
- Deepen local manufacture in Agro-Food Industries (Agriculture Engineering, Animal & Poultry production, Horticulture, Vegetables & Fruits, water recourses management , water desalination and pesticide)
- Robotics in Food Science and Agriculture

Lot 2: Demand Driven Response (Demand-driven solutions for private sectors and companies)

The following items were imported by Egyptian Food Companies, the applicant should be able to produce one or more than one from the following items from local ingredients to reduce importing these items

- Soya product (Soya protein, Soya protein Isolates, Soya Fibre, Soya Flour)
- Fibres (Inulin, Corn grits)
- Colours (Carmin, ferrous gluconate, Organic Pigments,.....)
- stabilizers/emulsifier / Preservatives (thickening and emulsifying stability), (lecithin, pectin, CMC, Ascorbic acid, Citric acid,)
- Collagen

In addition to : **Convert beet waste to added value products**

The fund of this call for proposal will be provided to one of the following

- Develop prototype which had exploitation potential
- Develop new solutions/technologies according to the Agro-Food sector demand-driven
- Transfer prototype / patent to final product
- Development SMEs based on innovation/patent
- Create university spin-off based on research results
- Commercialization of new technology / final products

أنواع التمويل المتاح من خلال هذا التحالف

- تمويل خاص بخطط تسويقيه محلية ودولية.
- تمويل خاص بتحويل نماذج نصف صناعية إلى منتجات نهائية.
- تمويل خاص بتحويل براءة إختراع إلى نموذج نصف صناعي.
- تمويل خاص لتحويل نتائج الأبحاث والمشروعات إلى نماذج نصف صناعية أو منتجات نهائية.
- تمويل خاص بإستكمال أبحاث مشتركة بين الصناعة والجهات البحثية يؤدي إلى ترخيص المنتج النهائي لأحد الشركات الصناعية او انشاء شركة
- تمويل خاص بتقديم حلول لانتاج منتجات مصرية من مكونات محلية بغرض خفض استيراد مثيلاتها من الخارج
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2. Eligibility Criteria

Who can apply:

- Individual
- Student (Pre-University and University Level)
- Any researcher or group of researchers
- Private sector , SMEs, Start-Up
- NGO

The applicant should be Egyptian citizen / entity

2.1. Application Procedure Steps

1. Submission of application form (attached).
2. Details and guidelines for the preparation of full proposals are available on this Guide for Applicant. Generally, the full proposals should include the following sections:

2.2. Full Proposal Application Form

To include:

Cover Page

Part A : General Information

Part B: Project Information (Two pages only)

- Project area
- Fund mechanism
- Public disclosure
- Sources of funding

Part C: Scientific and technical part (Four pages only)

- Objectives
- Relation to call and topic
- Concept and methodology
- Innovation
- Statement of the degree of collaboration with Industry
- Outcomes & expected impacts

Part D: Proposed Business Model (Two pages)

- Mini business model (Marketing channels, cost & profit structure)

Part E. Budget: Financing Plan

- Annex 1 – Gantt chart
- Annex 2: Research Team Information Table
- Annex 3: Biography of PI
- Annex 4: Declaration by the applicant
- **Any supported documents (Letter of Intent from Industry / private sector if possible)**

3. RULES FOR THIS CALL FOR PROPOSALS

This guideline set out the rules for the submission and selection of the proposals financed under this call, in conformity

Number of applications and grants per applicants

The applicant may not submit more than 2 application under this call for proposals.

The applicant may be awarded more than 1 grant under this call for proposals.

Duration

For Lot 1:

The initial planned duration of an action may not be lower than one month nor exceed 5 months

For Lot 2:

The initial planned duration of an action may not be lower than one month nor exceed 7 months

Location

Actions must take place in the following country: Egypt

The following types of action are ineligible:

- actions concerned only or mainly with individual sponsorships for participation in workshops, seminars, conferences and congresses;
- actions concerned only or mainly with individual scholarships for studies or training courses;

Ineligible costs

The following costs **are not eligible**:

- debts and debt service charges (interest);
- Costs declared by the beneficiary(ies) and financed by another action or work programme .
- purchases of land or buildings,
- Staff cost
- International travel
- Printing materials
- Training
- Local transportation
- Laptop , computer and printer

Budget Estimation

Any grant requested under this call for proposals must fall between the following minimum and maximum amounts:

- Minimum amount: EGP 10000.
- Maximum amount: EGP 750,000.

Don't request the maximum unless your proposal needs

Grant applications must include a detailed estimated budget in which all prices are given in Egyptian Pounds (**Part C. Budget: Financing Plan**)

Eligible costs

- Equipment
- Research and Development Consumables
- Demonstration Activities (Piloting, prototyping and prototype development)
- Patent Registration

Visibility

The applicants must take all necessary steps to publicise the fact that the Academy of Scientific Research and Technology and Agro-Food industries Alliance have financed or co-financed the proposal. As far as possible, actions that are wholly or partially funded by the Academy of Scientific Research and Technology and Agro-Food industries Alliance must incorporate information and communication activities designed to raise the awareness of specific or general audiences.

Applicants must comply with the objectives and priorities and guarantee the visibility of the Academy of Scientific Research and Technology and Agro-Food industries Alliance

The following formatting conditions apply:

- The reference font for the body text of proposals is Arial and the minimum font size allowed is 11 points. Standard character spacing and a minimum of single line spacing is to be used.
- The page size is A4, and all margins (top, bottom, left, right) should be at least 15 mm (not including any footers or headers).
- Proposals and all the annexes or additional documents **must be written in English**
- The page limit for the application form is **maximum 12 pages** without declaration.
- **The application form should be sent by email in word file and in hard copy by mail or hand delivery**

4. How to apply and the procedures to follow

Where and how to send the application form?

The application form together with the declaration by the applicant (Annex 4) **must be submitted by sending to the following email: elsaadany12@yahoo.com and**

- a. One original of the application form. The signed declaration by the applicant must be printed and stapled separately and enclosed in the envelope
- b. Three additional copies in A4 size, each bound.

The envelope must bear the **reference number of the call for proposals**, together with the proposal title, the full name and address of the applicant, and the words 'Not to be opened before the opening session' and " لا يمكن فتح المظاريف قبل الموعد المحدد لذلك ";

Application form must be submitted in a sealed envelope by registered mail, private courier service or by hand-delivery to the address below. Where applicants send several application forms, each one must be sent separately:

Postal address

To : Dr. Khaled Elsaadany
Dairy Science and Technology Department
Faculty of Agriculture, Elshatby, Aflaton street , Alexandria

Deadline for submission of Grant application form: 04/08/2019 at 15:00 (Cairo date and time)

Questions may be sent by e-mail no later than 14 days before the deadline for the submission of application form to the address(es) below,

E-mail address: elsaadany12@yahoo.com

Evaluation criteria

Generally speaking, funds are awarded to proposals that are:

- Competitive and ready to market.
- Innovative.

- S&T Quality (Scientific and/or technological excellence)
- Having a clear impact on industry, socioeconomic and/or research.
- Industry intent to use this product, service, or machine.
- Technology readiness level

The evaluation of proposals is carried out by national / international independent experts.

Before the evaluation

- Proposals which do not fulfil the eligibility criteria will not be considered for technical evaluation.
- Proposals which are not in alignment with this Guide for Proposal Writing will be considered ineligible
- **Applicant with accepted full application form and got high score will be invited to do a presentation in front of evaluation committee.**