



Government of Pakistan
Ministry of Science and Technology

12(1)/2005- ASA (IL-I)

Islamabad 14th April, 2020

Subject: (CALL FOR JOINT RESEARCH PROPOSALS) FOR THE 18TH PROTOCOL ON SCIENTIFIC AND TECHNOLOGICAL COOPERATION BETWEEN PAKISTAN AND CHINA 2020

The Public Sector R&D/ Academic organizations/ Institutions/Universities of Pakistan are requested to submit Joint Proposal(s) for Financial Support preferably in the following priority areas of common interest to both Pakistan and China for consideration under the bilateral framework of the ongoing Eighteenth (18th) Protocol on Pakistan-China Scientific & Technological Cooperation.

- i. Emerging ICT areas including cyber security, IOT, Artificial Intelligence and Robotics
- ii. Advanced materials and Nano sciences
- iii. Renewable energy technologies
- iv. Cold storage technologies
- v. Heat tolerant genes and hybrid seed technologies
- vi. Dry land agriculture and water resources
- vii. Herbal medicines
- viii. COVID 19

2. The joint proposal(s) should be submitted for cooperation with Chinese R&D Institutions & Universities through:


- Joint/ bilateral R&D projects of 1-3 year duration,
- Joint forums, workshops, seminars etc,
- Bilateral short-term visits for training and capacity enhancement of institutions, researchers, scientists etc

3. The submission of proposals shall be guided by the following principles:

- i. Proposals submitted should clearly identify the Chinese counterpart organization as only joint proposals shall qualify review and subsequent approval.
- ii. An Organization/ University can submit a maximum of 3 proposals.
- iii. Each Proposal should contain the *Letter of Intent* (LoI) issued by the Chinese counterpart/ partner organization.
- iv. Submitted proposals shall be jointly evaluated and vetted for quality/ viability by peer review panels of the two sides. The Proposal should

- preferably be commercially viable and, upon culmination, should result in transfer and indigenization of technology.
- v. Final approval of the projects submitted in Pakistan under this bilateral framework would be subject to the approval of MoST, China.
 - vi. Upon approval/ selection, the organizations will receive joint approval by their local implementing/ funding agency (PSF in case of Pakistan) with request to submit a full project proposal to MoST.
 - vii. Successful proposals will be jointly funded by the MoST, China and PSF, Pakistan. PSF shall only pay Pakistan side of the funding.
4. The Pakistani partner should prepare the following documents and submit to this Ministry during the given timeframe:
- i. Duly filled Application Form for Joint R&D Project including:
 - a) Project Identification (**Annex-I**)
 - b) Technical information of the proposal, along with Summary of the proposal for expediency of reviewers (**Annex-II**)
 - c) Administrative and Financial information (**Annex-III**)
 - ii. The *Letter of Intent* (LoI) signed by the Chinese counterparts
 - iii. Duly filled Application Form in case of Short Term Visit (**Annex-IV**)
5. All proposals should be submitted to this Ministry in English (in hard form), and the copies of the same may be sent through E-mail as well at khanmuhammad82@gmail.com & ahsan_feroz2001@yahoo.com .
6. The deadline for submission of proposal(s) is **1st June 2020**.

Encl: **As Stated Above**



14.4.2020

(Khan Muhammad Wazir)

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Distribution:

1. Heads of all R&D Organizations of MoST.
2. The Secretary, Strategic Plans Division (SPD) for onward forwarding to subordinate organizations.
3. The Chairman, Higher Education Commission (HEC) for onward forwarding to all Public Sector Universities/Academia.
4. The Chairman, Pakistan Engineering Council (PEC)
5. The Chairman, Pakistan Agricultural Research Council (PARC)/ National Agricultural Research Council (NARC).
6. The Chief Executive Officer, Engineering Development Board (EDB).
7. The President PMD&C for onward forwarding to all Public Sector Medical Universities.

8. Network Administrative, MoST