

**Priority Setting, Monitoring & Evaluation Cell
INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI – 110012**


No.4-9/2018-PME-II(RC)

October 25, 2018

Dr. G.M. Gupta (President)
Centers of Excellence for Advance Research
GEL Tower, Plot No.16, Sector 20
Dwarka, New Delhi-110075.

Sub: Project Proposal and MoU of the Consultancy project entitled "Promotion of solar powered green house technology".

Please find enclosed herewith an original copy of Project Proposal and MOU of the above mentioned Consultancy proposal submitted by Dr. J.P. Sharma, Joint Director (Extension), IARI and duly signed by the Director, IARI, New Delhi for your perusal and record.


for Incharge, PME Cell

Encl: As above.

Copy to:

1. Dr. J.P. Sharma, Joint Director (Extension), IARI



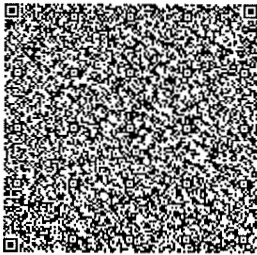
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Memorandum of Understanding (MOU)

This Memorandum of Understanding (MoU) has been made and agreed upon between the parties mentioned below, signed on the _____ of2018 at New Delhi.

BETWEEN

ICAR-Indian Agricultural Research Institute, located at New Delhi – 110012 a constituent unit of the **Indian Council of Agricultural Research (ICAR)** a society under the Societies Registration Act, 1860; (having its administrative office at Pusa Campus, New

Statutory Alert:

1. The authenticity of this Stamp Certificate should be verified at "www.shcilestamp.com". Any discrepancy in the details on this Certificate and as available on the website renders it invalid.
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Delhi - 110012, through Director, IARI (hereinafter referred to as “**Institute**” which expression shall unless repugnant to the context mean and include its legal representatives, successors and assignees, administrator, etc.)

AND

Centers of Excellence for Advance Research, a society constituted by Global Engineers Ltd., vide registration dated 12.04.2018 and registered under Indian Societies Act, having its office at F-12, Pushpanjali Farms, Bijwasan, New Delhi-110061 through its president (hereinafter referred to as “**Society**” which expression shall unless repugnant to the context thereof include its successors, assignees, administrator, etc.)

The ‘Society’ and the ‘Institute’ are hereinafter individually referred to as “Party” and jointly referred to as “Parties”

- i. WHEREAS the Institute is a premier center for agricultural research, soil and fertilizer research, instrumental in developing several technologies, hi-tech horticulture, protected cultivation, machines, tools, high-yielding varieties of almost all the major crops, promoting agriculture mechanization in the country.
- ii. WHEREAS the Institute has the expertise in conducting impact studies of training and other programmes for the purposes of technology dissemination.
- iii. WHEREAS the Society is engaged in Research and Development of Electricity Generating Greenhouses to be set-up in the villages in order to multiply the income of farmers and also generate solar electricity to light the villages.
- iv. WHEREAS the Society has requested the Institute to provide consultancy in the area of growing Tomato, Cucumber, Strawberries, Rose and Gerbera in Greenhouses (hereinafter referred to as ‘Consultancy’).

Now, therefore, in consideration of the premises and mutual covenants hereinafter contained, the parties hereto agree as follows:

1. SCOPE OF THE MoU:

This MoU details herein the terms and conditions, responsibilities and obligations, financial arrangements and the Intellectual Property Rights agreed to between the Institute and Society for conducting the Consultancy.

2 ROLES AND RESPONSIBILITIES:

2.1 ROLE AND RESPONSIBILITY OF THE INSTITUTE:

- i. The Institute shall be providing consultants on man days basis to the Society to advise in the area of growing Tomato, Cucumber, Strawberries, Rose and Gerbera in Greenhouses.
- ii. The Institute is authorized to enter into this MoU, devise suitable intervention and submit any data or report to the Society without any legal obligation whatsoever.

- iii. The Institute has represented that it is authorized to enter into this MoU, devise suitable intervention and submit any data or report to the Society without any legal obligation whatsoever.

2.2 ROLE AND RESPONSIBILITY OF THE SOCIETY:

- i. The Society shall sponsor the research activities as per mutually agreed schedule. The project proposal is annexed herewith.
- ii. The Society shall provide manpower support at the Institute and locales of the study for successfully growing the crops as mentioned above.

3. FINANCIAL ARRANGEMENTS:

- i. For the purpose of successful execution of the Consultancy work the Society shall bear the expenses of manpower, sponsoring the field trips with total cost specified as mentioned in the project proposal and as per the following payment schedule :

Rs. 23,12,800, the whole amount to be released at commencement of the project.

- ii. No other charges will be levied by the Institute on the Society unless otherwise mutually agreed to by the parties in writing.

4. DURATION, TERMINATION OF THE MOU:

- i. The MoU shall be deemed to have come into effect on the date of execution. ('The Effective Date') and shall remain in force for a period of 2 years. The parties may upon expiry mutually agree to extend the MoU on such terms and conditions for a period as may be mutually decided between the parties.
- ii. Either party may terminate this MoU by giving one month's notice of its intention to terminate the MoU. During the tenure of this MoU, the parties hereto can terminate the MoU either for breach of any of the terms and conditions of this MoU or other cause duly justified, by giving one month notice in writing to the defaulting party. Failure of either party to terminate the MoU on account of breach or default by the other shall not constitute a waiver of that party's right to terminate the MoU.

5. CONFIDENTIALITY:

- i. The Institute and the Society shall keep confidential and refrain from using, except under the terms of this MoU all data, information, reports whether in tangible or intangible form or whether in oral, written or electronic form to which the parties may access by virtue of this MoU ('Confidential Information'). The Institute and the Society will be custodian of all the confidential information with respect to the proposed Consultancy.
- ii. Any such Confidential Information will be disclosed to its employees, and its agents only under need to know basis and any such disclosure or use shall be subject to the terms and conditions of this MoU. The obligation of confidence shall not apply to:
 - Confidential Information at the time of disclosure is demonstrated to be in the public domain;

- Confidential Information that the parties can show was in the party's possession at the time of disclosure and was not acquired directly or indirectly from the party.
 - Confidential Information has been, is now, or is hereinafter furnished or made known to the party a third party as a matter of right and who did not derive the information from the parties to the MoU.
- iii. The parties further agree to take all reasonable precautions to prevent any of its personnel from divulging to any other party, except as is otherwise provided herein, any confidential information furnished by one party to the other party.
- iv. The Society further agrees to take all precautions to prevent any horizontal dissemination by way of training or other forms, of the confidential information gained under this MoU.

6. INDEMNITY:

Each party hereby indemnifies and holds harmless the other including its officers and employees (hereinafter "Indemnities") from and against all claims, suits, liabilities, damages, costs, fees, including, without limitation, attorney's fees, expenses or losses arising out of or resulting from breach of obligation/performance of each of the party under this MoU, including but not limited to any third party claims against Indemnities for patent, copyright, and/or trademark infringement and/or patent interference, any claims based on negligence, omission, or misconduct of the other party or any employees, agents or representatives of the defaulting party and any claims based on damages, losses or liabilities whatsoever with respect to death or injury to any person in any manner, whatsoever.

7. FORCE MAJEURE:

Neither party shall be held responsible for non-fulfillment of their respective obligations under this MoU due to the exigency of one or more of the force majeure events such as but not limited to acts of God, War, Flood, Earthquakes, Strikes, Lockouts, Epidemics, Riots, Civil Commotion etc., provided on the occurrence and cessation of any such event the party affected thereby shall give a notice in writing to the other party within one month of such occurrence or cessation. If the force majeure conditions continue beyond six months, the parties shall jointly decide about the future course of action.

8. NOTICE:

- i. Any notice required or provided for by the terms of this MoU shall be in writing, and all notices, reports, and payments (other than royalties) provided for hereunder shall be sent by registered mail, prepaid, or facsimile to the official/registered address of the party to be served therewith. It is agreed that the official/registered addresses of the parties shall be as follows:



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ii. The addresses for communication are:

Dr. J.P. Sharma, Joint Director (Research and Extension),
Indian Agriculture Research Institute (IARI)
Pusa Campus, New Delhi - 110 012
E-mail: jd_extn@iari.res.in
Phone/Fax: 011-25843379

Dr. G.M. Gupta (President)
Centers of Excellence for Advance Research,
GEL Tower, Plot No. 16, Sector 20
Dwarka, New Delhi - 1100 75
Telephone Number: 011-28051028(Telefax)
Email: gmgupta@globalengineers.co.in

Any such notice, royalty, or payment shall be deemed to have been given or made on the date such letter was registered or delivered for transmission to the sender's facsimile operator, but any assumption of actual notice or payment shall be subject to rebuttal to show that it has not actually been received.

9. ARBITRATION:

- i. If any controversy, question, dispute or difference (hereinafter referred to as a 'Dispute') between the Parties hereto arises under this MoU or in relation to or Out of this MOU, any Party may give the other Party a written notice of Dispute adequately identifying and providing details of the Dispute. On receipt of such notice by the other Party, the Parties shall try to settle the Dispute amicably between them through mediation and reconciliation in good faith within 30 days of the receipt of the notice of Dispute by the other party.
- ii. If the Dispute is not resolved by such good faith negotiations within the period mentioned, the Parties agree to settle the Dispute through arbitration to be conducted by sole arbitrator to be appointed mutually by the parties. The Arbitration shall be conducted under the provisions of Arbitration & Conciliation Act, 1996. The place of arbitration shall be New Delhi, India. The language to be used in the arbitration proceedings shall be English or as mutually agreed between the parties. In case of one mutual agreement on appointment of Arbitration, the Arbitration shall be appointed by the Director General, ICAR who decision shall be binding on parties in this concern.
- iii. The parties hereto agree that the award and determination of the arbitrator shall be final and binding on both Parties hereto.

10. GOVERNING LAW AND JURISDICTION:

This MoU is governed by and must be construed in accordance with the laws of India without reference to its conflict of laws provisions. The parties irrevocably and unconditionally submit to the exclusive jurisdiction of the courts in New Delhi, India.



11. ASSIGNMENT OF THE MOU:

The rights and/or liabilities arising to any party to this MoU shall not be assigned except with the written consent of the other party and subject to such terms and conditions as may be mutually agreed upon.

12. SEVERABILITY:

If any part of this MoU is declared or held invalid by a court for any reason, the invalidity of that part will not affect the validity of the remainder which will continue in full force and effect and be construed as if the MoU had been executed without the invalid portion.

13. INDEPENDENT PARTIES:

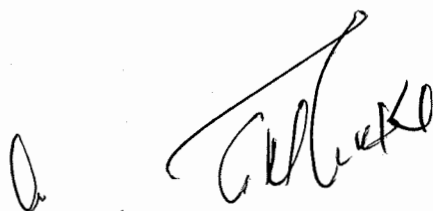
The Society hereby agrees that this MoU shall not in any way constitute or be presumed to constitute a partnership, joint venture or joint enterprise in any way or for any purpose between the Parties hereto or make them in any way liable as partners of or as agents for one another. No Party has the authority to act for or to assume any obligation or responsibility on behalf of the other party.

14. DATA PRIVACY PROVISIONS:

In case of Confidential Information the Institute will take all measures required to comply with the applicable privacy laws. The Institute shall have in place reasonable security practices and procedures containing managerial, technical, operational, and physical security control for protection of any confidential data/information and shall have a privacy policy in place with a designated Data Privacy Officer to redress grievances in a reasonable time bound manner. (Note: if not required this clause may be deleted)

15. COMPLETE MOU:

This MoU and its Annexures represent the final terms and conditions agreed upon by both the parties.

A handwritten signature in black ink, appearing to be 'A. M. K.', is written over a horizontal line.

SEAL OF THE PARTIES

IN WITNESS WHEREOF, the parties hereto have signed this MoU in two sets of originals.

IN WITNESS WHEREOF, the parties to this MoU, intending to be legally bound, have duly executed this MoU to become effective as of the date first written above.

SIGNED BY

For and on behalf of IARI

Signature

A. K. Singh

Name:

A. K. SINGH

Designation: Director

ICAR-IARI, New Delhi-110012 (India)

ICAR-Indian Agricultural Research Institute

New Delhi-110012

SIGNED BY

For and on behalf of Centers of Excellence for Advance Research (COEAR)

Signature

G. M. Gupta

Name: Dr. G.M. Gupta

President

Designation: President

Centers of Excellence for Advance Research
GEL Tower, Plot No.16, Sector 20
Dwarka, New Delhi-110075.

Witnesses: (Name and address)

1. *M. Khan*
Dr J. P. Sharma
Joint Director (Ext. Res.)
IARI, New Delhi
2. *Rajni Singh*
RAJNI SINGH
13/96, 1st Floor
Subhash - Nafar
New Delhi - 27

Proforma for Submitting Consultancy Proposals

- I. Name of the Institute: **Indian Agricultural Research Institute, Pusa, New Delhi**
2. Title of the proposed Project (including brief of the project): **Consultancy Services to Centers of Excellence for Advance Research (COEAR), a nonprofit organization created by Global Engineers Ltd. to utilize the CSR for their project "Promotion of solar powered green house technology".**
3. Scope of the Consultancy work:
 - i. **Preparation of literature / survey / feasibility studies/state of art project/technology forecasting / evaluation reports:** The greenhouse protects the plants from adverse climatic conditions and provides an appropriate amount of light, temperature, humidity, carbon- dioxide etc. to achieve optimum yield with excellent quality. The reason for building a greenhouse is to get faster growth by raising humidity and controlling temperatures. Labor, energy and capital are the major three cost factors in a typical modern greenhouse production system. Greenhouse technology is highly relevant under Indian conditions due to variant agro-climatic conditions of the country. Green house is upcoming technology in urban and peri urban area where availability of land is constraint. Use of vertical space for growing quality vegetables and flowers to meet the demand of increasing urban population is a real challenge; this gives the opportunity to adopt the green house technologies in large scale. Besides meeting the demand of people, green energy also can be generated using solar photovoltaic (SPV) panels installed with green houses. Application of SPV in electricity generation not only reduces the cost of operation of polyhouses but also able to maintain the micro climate suitable for round the year use of designed structures using cooling system. Evaluation report will be prepared to test the feasibility of the demonstrated technologies in other locations too for its large scale adoption.
 - ii. **Interpretation of test results and data, advising on risks and hazards or similar skilled advice –**

Data collected from the green houses regarding production of vegetables and flowers as well as generation of energy using SPV will be analyzed keeping existing agro climatic situations in consideration. This will be the basis for promotion of resting and evaluated technologies further for dissemination and demonstration.
 - iii. **Advisory tasks in evaluation and implementation of a project:**

Advisory regarding the analysis of soil and water physical and chemical properties before deciding the site for construction of green house is necessary. Further, information on crop production will also be provided. Other advice from time to time by different consultant of their expertise will be provided.

iv. Design engineering related to agriculture:

The Greenhouse Technology is an appropriate intervention for crop production, particularly in hostile climatic conditions. It has the potential to give manifold production of quality produce round the year from small land holdings compared to the open field cultivation. A greenhouse works on the principle that crop production is influenced not only by heredity but also by the micro-climate around the plant. The components of climate are – light, temperature, wind speed and direction, rain fall, and relative humidity. Under a greenhouse, these factors can be well controlled so that the plant gets best environment for production. However, the concept holds good only, if the design of the greenhouse is suitable as per the climatic conditions. The long term data of these parameters will be provided to the company who is specialized in design as any faulty design can kill the crop in no time; hence same is of greater importance.

Besides this, drip irrigation and fertigation system under greenhouse need to be selected on the basis of crop spacing along with fogging and misting facilities. Irrigation and fertigation system will be designed on the basis of estimation of crop water demand and fertigation scheduling.

Dimensions of designed green house with ventilation and cooling facility will be measured and analyzed to check their suitability in the Indian situation and meeting BIS standard.

1. IS 14462: 1997 - Recommendations for layout, design and construction of greenhouse structures
2. IS 14485: 1998 - Recommendations for heating, ventilating and cooling of greenhouse
3. IS 15827: 2009 - Plastics films for greenhouses – specifications

v. Assistance in management of pests and other entomological problems:

Regular visits will be made by the Scientists to assist in management of pests and other entomological problems time to time.

vi. Technical advice in the form of one time assistance to help in trouble shooting, or problem solving, mainly advisory in nature - YES

vii. Any other (specify) :-NIL

4. Detailed objectives of the consultancy project:

- i). To monitor the soil, water and nutrients status of the site selected for the construction of green houses.
- ii). To provide the long term climatic data to design the green house and assist in monitoring of micro climate and controlling systems inside green house as per crop requirement after construction.
- iii). To check the engineering details of constructed green house, fogging and cooling system, drip-fertigation and SPV system.
- iv). To provide the guidelines for production of vegetables and flowers inside polyhouse.
- v). To evaluate the performance of technology and monitoring of production of crops.
- vi). To prepare the feasibility report for replication of technologies in different agro climatic regions of the country.

5. Duration of the project (give specific dates and period): 2 years w.e.f. 01.12.2018 *(the date will be MoU signing date)*

6. Programme of work and phasing of milestones:

1st year

- i. Site visit and selection
- ii. Collection and analysis of soil and water samples
- iii. Collection and analysis of long term climatic data needed for structure design
- iv. Finalization of crop, based on market and economics
- v. Design verification of protected structures
- vi. Design of drip irrigation-fertigation system in structures
- vii. Fabrication of protected structures with controlling systems
- viii. Installation of SPV system, cooling system, fogging system, drip-fertigation system
- ix. Raising of nursery
- x. Transplanting of vegetables and flowers nursery inside protected structures
- xi. Preparation of irrigation and fertigation schedule

2nd year

- i. Monitoring of performance of cooling, fogging and drip-fertigation system
- ii. Monitoring of performance of SPV system and electricity generation
- iii. Assistance in recording of micro climatic inside protected structures
- iv. Regular monitoring of controlling systems installed in different structures
- v. Monitoring of crops health grown inside the structures
- vi. Monitoring of yield from different structures
- vii. Economic feasibility of the technologies demonstrated for replication
- viii. Compilation of data and final report writing.

7. Whether the physical or other infrastructural facilities available at the Institute are required for carrying out project: Yes/No - Yes

8. Name and address of the consultant(s) undertaking the project:

S. No.	Name	Address	Phone/Fax & Email address
1.	Dr. J. P. Sharma	Joint Director (Extension), IARI, New Delhi	Phone: 011-25842387 Email: jd_extn@iari.res.in
2.	Dr. R. Roy Burman	Principal Scientist, Agricultural Extension, IARI, New Delhi	Phone: 011-25846434 Fax: 011-25846434 Email: rroyburman_extn@iari.res.in
3.	Dr. Neelam Patel	Principal Scientist & Incharge, CPCT, IARI, New Delhi	Phone: 011-25848703 Fax: 011-25848703 Email: head_cpct@iari.res.in, np_wtc@yahoo.com
4.	Dr. M. C. Singh	Principal Scientist, CPCT, IARI, New Delhi	Phone: 011-25841063 Fax: 011-25842481 Email: mcsingh@iari.res.in
5.	Dr. M. K. Verma	Principal Scientist, Fruits and Horticultural Technology, IARI, New Delhi	Phone: 011-25843214 Fax: 011-25843214 Email: mkverma@iari.res.in
6.	Dr. A. K. Singh	Principal Scientist, CPCT, IARI, New Delhi	Phone: 011-25841063 Email: awanisingh@iari.res.in
7.	Dr. M. Jayanthi	Principal Scientist & Incharge, PME Cell, IARI, New Delhi	Phone: 011-25842416 Email: incharge_pme@iari.res.in

8.	Dr. Subhashree Sahu	Scientist, CATAT, IARI, New Delhi	Phone: 011-25842905 Fax: 011-25846420 Email: subhashree@iari.res.in
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9. Previous consultancy work undertaken by the consultant(s) during the past one year :
Nil

10. Whether the project requires foreign visit by the consultant(s): Yes/No If yes, attach the check-list for foreign deputation –Yes

Visit to Israel by different consultants well be need based and will be undertaken after completing due formalities.

11. Whether the consultant(s) would require leave for carrying out the work: Yes/No If Yes: whether he/she has required leave in balance: If No: provide justification as to how the consultancy would be done while discharging official duties: **No; the project location is 20 Km away from Institute therefore the consultant work will be undertaken without hampering the office work.**

12. Sponsoring agency:

a. Name and address: - **Centers of Excellence for Advance Research (COEAR) a nonprofit organization created by Global Engineers Ltd GEL Tower, Plot No. 16, Sector 20,Dwarka, New Delhi –110 075**

b. Status: **Registered society**

Indian: Central Government/Government Undertaking/State Government/Private organization/ NGO/other (specify): **Registered society**

Foreign: U.N agency/CGIAR Institute/Private Organization/or other International Agency (specify) : Nil

13. Activities of sponsor in brief: **It is a leading engineering company dealing in high technology projects and has registered a non-profit organization by the name of "Centers of Excellence for Advance Research" (COEAR) under CSR scheme to carry out Research and Development on Electricity Generating Solar Green Houses which will multiply the income of the Farmers besides Generating Solar Electricity which can light the village.**

13 (a). Additional information in case of foreign sponsoring/collaborating agency: **The sponsor is in the process of signing with a world leader in the field of Solar Green Houses in Israel by the name of Azrom Greenhouses.**

i. Details of past collaborations, if any, by the collaborator/sponsor with the applicant Institute/other ICAR institutes/other Indian institution(s), whatever is known -**Nil**

ii. Details, if any, available on R&D projects of sensitive nature and concerned with national security, taken up and/or funded by the sponsor/collaborator in the past in its own country or any other country, whatever is known -**NIL**

iii. Genesis of the project – **The sponsor would carry out R&D on Greenhouses to produce Gerbera, Roses, Strawberries, Grapes and Lettuce and generate solar electricity in order to multiply the income of the Farmers.**

iv. Foreign support/collaboration (details):-**The sponsor is in the process of signing with a world leader in the field of Solar Green Houses in Israel by the name of Azrom Greenhouses.**

v. Financial support (Rs_ & Foreign Exchange): Nil

vi. Any other support : Nil

vii. Justification/need and likely benefits (scientific, economic, societal, strategic etc.)

Harsh climate of north India restricts the round the year use of green houses for the off season production of vegetables and flowers. Farmers are not having electricity round the clock for operation of cooling system to maintain the favorable climatic situations inside the green houses. We are having plenty of solar radiation available for the generation of electricity. Green house operations using solar energy will reduce the cost of operation and excess energy can be supplied to grid. This technology is having enormous potential to reduce the cost of operation of green houses as well as to maximize the production during off season. In the second year project may also attempt to establish one unit at IARI campus and three such models at farmer's field based on success of first year.

14. Does the project involve?

a. Referring to or sourcing of strategic/sensitive material/information- **No**

b. Transfer of biological material(s) to the collaborator/sponsor- **No**

c. Use of genetically modified organisms- **No**

d. Use of environmentally or otherwise hazardous material(s). - **No**

e. Use of radioactive materials. - **No**

f. Field surveys/trials/proving/collection/testing (give location)- **No**

If answer to any of the points from (a) to (g) is 'yes', the consultant to give undertaking to abide by relevant and extant ICAR/national regulations and guidelines on the subject.

15. Total outlay of the project: (Provide break-up for different Operational Heads as given below): **Rs. 23,12,800**

i. Direct Expenses (including TA/DA cost); if any: **Rs. 2,00,000**

(However, additional transport and TA may be provided as and when required)

ii. Intellectual fee: **Rs. 9,60,000** for two years (12 day in year per consultant)

iii. Any other cost specific to the project if any: **Rs. 8,00,000**

(salary of one young professional-II @ 25000 per month and other recurring contingencies, Rs. 2,00,000)

iv. Goods and Service Tax (GST 18% of total amount): **Rs. 3,52,800**

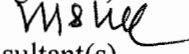
16. Schedule of payment of fees (indicate amount of each installment. due date of payment and bank guarantees) : **1st Year (at the start of the project)- 100 %**

17. Intellectual fees payable to the consultant(s), a brief of calculations with reasons: **The consultant(s) charges (70% of Rs. 9,60,000; i.e. Rs. 6,72,000) shall be divided among the overall consultant team as deemed appropriate, considering the role of team members constituting the consultant team.**

18. Whether Intellectual Property Rights issues are involved in the consultancy project. If yes, are they in conformity with ICAR's IPMTT/C Guidelines; if not, the variation be indicated and explained with justification for approval of the competent authority- **- Not Applicable**

19. Whether a written communication/Agreement indicating the Terms of Reference has been received from the external agency as indicated in Chapter 1 para 1.3. If yes, enclose a copy along with comments; if no, provide justification. Certified that the overall institutional /organizational or national interests do not suffer in any way with the acceptance of the consultancy project.

(Signature)

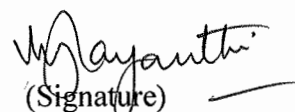

Consultant(s)

(To be forwarded by Head of Division, in institutes where applicable)

डॉ. जे.पी. शर्मा / Dr. J.P. Sharma
संयुक्त निदेशक (अनुसंधान) / Joint Director (Research)
भा.कृ.अ.प.- भारतीय कृषि अनुसंधान संस्थान
ICAR-Indian Agricultural Research Institute
नई दिल्ली-110012 / New Delhi-110012

Recommendation of PME cell:

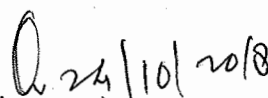
1. Certified that the proposal has been considered as per procedure and is found to be in conformity with the ICAR rules and guidelines.
2. It has been examined and ensured that:
 - i. the acceptance of the project is befitting the academic status of the Institute. Yes/No
 - ii. the amount of all charges and intellectual fee offered is commensurate with fees chargeable as per costing guidelines. Yes/No
 - iii. the return to the Council/Institute is commensurate with the potential and likely gains to the client as a result of transfer of in-house knowledge, skill or technology. Yes/No
 - iv. the project would contribute to the knowledge and professional competence in the Institute. Yes/No
 - v. In case(s) the answer to any of the questions from i to iv is 'no', please provide justification.
3. Any other comment:


(Signature)

PME cell 1/c

In cases where Director is the competent authority for Approval

Approval of the Director of Institute:


(Signature)

Director of the Institute

निदेशक / Director

In cases where Deputy Director General or Director General, ICAR is the Competent Authority for Approval*

मा.कु.अ.प. भारतीय कृषि अनुसंधान संस्थान
ICAR is the Competent Authority
भारतीय कृषि अनुसंधान संस्थान
नई दिल्ली / New Delhi-110012

Such proposals shall be submitted to concerned Subject Matter Division (SMD) in ICAR Headquarters along with the following endorsement and specific recommendations of Director of the Institute that;

The project does not involve any national security and/or sensitivity angles, either proximately or remotely, now or in the foreseeable future.

Or

The project involves issues of national security and/or sensitivity (specify) and due diligence has been exercised in the Institute and measures (specify) put in place to adequately safeguard the security and sensitivity issues.

(Signature)

Director of the Institute

*In case of projects with foreign agencies, the SMD along with their observations should send it for approval of the competent authority through the concerned unit in International Cooperation (IC) Division, Department of Agricultural Research and Education (DARE), who, in turn, shall process the proposal for approval of the competent authority.