



नवीन एवं नवीकरणीय ऊर्जा मंत्रालय

MINISTRY OF NEW AND RENEWABLE ENERGY

सत्यमेव जयते

Call for Proposals (CfP) for

“Implementation of Pilot Projects for Production of Green Hydrogen from Biomass-based and other Innovative Technology-based Interventions”



जैव प्रौद्योगिकी उद्योग अनुसंधान सहायता परिषद

(भारत सरकार का उपकरण)

Biotechnology Industry Research Assistance Council

(A Govt. of India Enterprise)

26th December 2025

1. BACKGROUND AND INTRODUCTION

- 1.1.** Biotechnology Industry Research Assistance Council, (hereinafter known as BIRAC) a Government of India Enterprise is a Not-for-Profit Section 8, Schedule B, Public Sector Company, set up by Department of Biotechnology (DBT), Ministry of Science & Technology, Government of India having its registered address at 5th Floor, NSIC Business Park, NSIC Bhawan, Okhla Industrial Estate, New Delhi – 110020, to stimulate, foster and enhance the strategic research and innovative capabilities of the Indian biotech industry, particularly start-ups and SMEs. It provides an Industry-academia interface to strengthen and empower biotech firms with the vision to make them globally competitive through several schemes on targeted funding, technology transfer, IP management and handholding services.
- 1.2.** MNRE is the nodal Ministry of the Government of India for all matters relating to new and renewable energy. The broad aim of the Ministry is to promote deployment of new and renewable energy to supplement the energy requirements of the country. The vision of MNRE is to develop new and renewable energy technologies, processes, materials, components, sub-systems, products & services at par with international specifications, standards and performance parameters in order to make the country a net foreign exchange earner in the sector and deploy such indigenously developed and/or manufactured products and services in furtherance of the national goal of energy security.
- 1.3.** The National Green Hydrogen Mission was launched by MNRE on 4th January 2023 with an outlay of INR 19,744 Crore with an aim to make India a Global Hub for production, usage and export of Green Hydrogen (GH2) and its derivatives.
- 1.4.** Major components of the Mission include inter – alia Incentives for Electrolyser Manufacturing and Green Hydrogen Production under the Strategic Interventions for Green Hydrogen Transition (SIGHT) Programme, Pilot Projects, Research & Development, Framework of Regulations, Codes and Standards, and Skill Development Programme, etc.
- 1.5.** In line with the above, MNRE has issued “Scheme Guidelines for implementation of Pilot projects for production and use of Green Hydrogen using innovative methods/pathways in the Residential, Commercial, Localized Community, Decentralized/Non-Conventional, applications, that includes any new sector or technology not covered in previous Mission schemes” vide OM No. 353/81/2024-NT dated 04th August 2024.

2. OBJECTIVES OF THE SCHEME

2.1. Objectives of the above referred Scheme are as follows:

- 2.1.1.** To support innovative models/technologies/pathways for production of Green Hydrogen including inter-alia floating solar based Green Hydrogen production, biomass & other technologies based Green Hydrogen production and production of Green Hydrogen from wastewater.
- 2.1.2.** To support the utilisation of Green Hydrogen and its derivatives as fuel for decentralized applications in cooking, heating, off-grid electricity generation, off road vehicles, on a pilot basis.
- 2.1.3.** To validate the technical feasibility and performance of Green Hydrogen as a fuel for household / residential and commercial appliances including, city gas, and local community applications.
- 2.1.4.** To demonstrate safe and secure use of Green Hydrogen and its derivatives in other new sectors.

2.2. MNRE through its Hydrogen Division has identified BIRAC as an Implementing Agency of the scheme (for Part A) for Implementation of biomass-based and other innovative technology-based pilot projects under National Green Hydrogen Mission.

2.3. As part of the above scheme, BIRAC hereby invites proposals from prospective Applicants to become the **Executing Agency(ies) (EAs)** for “Implementation of pilot projects for production of Green Hydrogen from biomass-based & other innovative technology-based interventions” under National Green Hydrogen Mission. The selection of the Executing Agency (EA) shall be conducted transparently, following the criteria laid down in the Guidelines and this document. In case of any discrepancies, provisions mentioned in the scheme Guidelines shall prevail.

3. SAILENT FEATURES AND EXPECTATIONS FROM TECHNOLOGY

3.1. In line with the Scheme Guidelines, this call for proposal (CfP) intends to support “pilot projects for production of Green Hydrogen from biomass & other innovative technologies” not covered in previous schemes under National Green Hydrogen Mission by MNRE.

3.2. The salient features of this CfP are as follows:

- 3.2.1.** Projects with an intention to develop a Pilot Scale/ Demonstration project for Biomass based or any innovative technology-based interventions will be supported. The scale of operation may be decided by the Executing agency.

3.2.2. The proposed technology must have reached TRL 5/6 and should already be proven at the laboratory scale. Studies involving development of proof of concept/early-stage research will not be supported.

3.2.3. The site for setting up the pilot plants has to be decided by the Executing agency. The Executing agencies (EAs) selected for the pilots will implement the project, share knowledge and viability and the outcome of the pilot projects through project completion report, monitoring reports, workshops, and publications to disseminate findings, best practices, and lessons learned from the pilot.

3.3. To carry out the Project activities adequate land should be arranged by EA.

3.4. In order for the prospective applicants to become the EA, they should preferably have proven track record/ prior experience in development of supporting infrastructure. This may include:

- 3.4.1.** Establishment and management of similar facilities/pilots
- 3.4.2.** Experience in supporting technology scale-up and commercialization
- 3.4.3.** Development and operation of supporting infrastructure for biomass conversion and valorization

3.5. Financial support for pilot projects will be evaluated taking into consideration the specific needs, merits, and feasibility of each project.

3.6. Commercially viable projects where the offtake is feasible shall get preference.

3.7. Sanctioned projects under any other scheme under the National Green Hydrogen Mission or any other scheme of Government of India are not eligible to participate under this scheme. A declaration to this effect shall have to be submitted by the participant.

3.8. The hydrogen generated under the project may be utilized for a commercial end use, and any revenue or profits arising therefrom shall be managed solely by the EA.

4. INVITATION FOR PROPOSAL

- 4.1.** Proposals are required to be submitted online only. The CfP will be open for a period of 30 days.
- 4.2.** Online proposal submission can be done by registered users only during an active call. Process for submitting the proposals online is detailed below:
 - 4.2.1.** Log on to the BIRAC website (<http://www.birac.nic.in>)

4.2.2. If you are a registered user, log-in using the credentials, else you need to register your entity by clicking on New User Registration.

4.2.3. In case of new user registration, a computer-generated password would be sent to the email-id provided at the time of registration. The password can be changed later.

4.2.4. Once you login, you would be navigated to the page displaying Green Hydrogen link.

4.2.5. Click on the link under Programmes and the active call would be highlighted.

4.2.6. Company/LLP User Registration is open round the clock.

4.2.7. Call shall remain open only till 17:30 hrs on the last date of submission.

4.3. Applicants should submit their proposal complete in all aspect on or before last date and time of Submission as mentioned on BIRAC website (www.birac.nic.in).

4.4. The format for proposal submission will be available online only. The interested applicants can view the application once they register on the BIRAC website. It is mandatory to fill all the sections of the proposal. The scope of work, including the objectives and the milestones as indicated by the EA in the proposal, and as accepted by the Project Appraisal Committee, will be the final scope of work against which the EA's performance will be evaluated for ascertaining "Project completion".

4.5. BIRAC reserves the right to cancel/ withdraw/ defer this invitation for proposals without assigning any reason and shall bear no liability whatsoever consequent upon such a decision.

5. WHO CAN APPLY

5.1. The proposals can be submitted solely by a Company or in collaboration with other companies/LLP/academic institutes/Trust/ Society/NGO, etc. Eligibility for the entities

A) Lead Applicant - Indian Company including CPSE, SPSE, Statutory Corporations

- Should be registered under the Indian Companies Act, 2013, as applicable.
- A Company is considered as 'Owned' by resident Indian citizens if a minimum of 51% of the capital in it is beneficially owned by resident Indian citizens and/or Indian Companies, which are ultimately owned and controlled by citizens holding Indian passports.

Documents to be submitted in support of 51% eligibility criteria:

- CA/CS certified document (having UDIN) Shareholding Pattern as per BIRAC format stating the above.
- Copies of the passports of the Shareholders/Partners may be submitted (if required)

B) Eligibility of Collaborator

LLP

- Should be registered under the Limited Liability Partnership Act 2008, as applicable.
- LLP is considered as ‘Owned’ by resident Indian citizens if a minimum of 51% of the capital in it is beneficially owned by resident Indian citizens and/or Indian Companies, which are ultimately owned and controlled by citizens holding Indian passports.

Documents to be submitted in support of 51% eligibility criteria:

- CA/CS certified document (having UDIN) Shareholding Pattern as per BIRAC format stating the above.
- Copies of the passports of the Shareholders/Partners may be submitted (if required).

Academic Institutes

- Academia (Public or Private Research Institute, University) having a well-established support system for research. The institute should have been established in India and have NAAC/ UGC/ AICTE or any equivalent recognition certificate or any other Public/Government-supported organization

Central Public Sector Undertakings (CPSUs)

- CA/CS certified document (having UDIN) Shareholding Pattern as per BIRAC format
- Any other proof which shows that applicant is **CPSUs**

State Public Sector Undertakings (SPSUs)

- CA/CS certified document (having UDIN) Shareholding Pattern as per BIRAC format
- Any other proof that shows that applicant is **SPSUs**

State Corporations/Organizations

- CA/CS certified document (with UDIN) Shareholding Pattern as per BIRAC format

- Any other proof which shows the applicant is a State Corporation.

NGOs/ Trust/Foundation/ Association

- In case of Society/ Trust/ NGO/ Foundation/ Association: The following documents will be required in case of Society and Trust: -

i. Society

- a. Society Registration Certificate
- b. Byelaws of Society
- c. CA certificate (supporting the fact that half of the members of the society are Indian citizens) mentioning UDIN number.

ii. Trust

- a. Trust deed and Registration Certificate
- b. CA certificate (supporting the fact that half of the trustees are Indian Citizens) mentioning UDIN number

C) JV registered as Legal Entity of above stated agencies

- All above mentioned Documents. (JV registered as a Main Applicant as legal entity are eligible to apply. Fund will only be disbursed in applicant JV's account which is register Main applicant having Legal Entity)

5.2. Startups are eligible to submit their project proposals under this CfP on either individual basis or as a part of JV/collaborators subject to not receiving funds under Part B of the scheme guidelines.

6. SELECTION AND EVALUATION

6.1. Administrative eligibility will be conducted internally at BIRAC. During the examination of proposals, BIRAC may seek clarifications/additional documents from the Applicants if required to satisfy themselves for meeting the eligibility conditions by the Applicants.

6.2. Eligible proposals will be further evaluated by a screening committee constituted by BIRAC. The Committee will evaluate the proposals on the basis of the following criteria

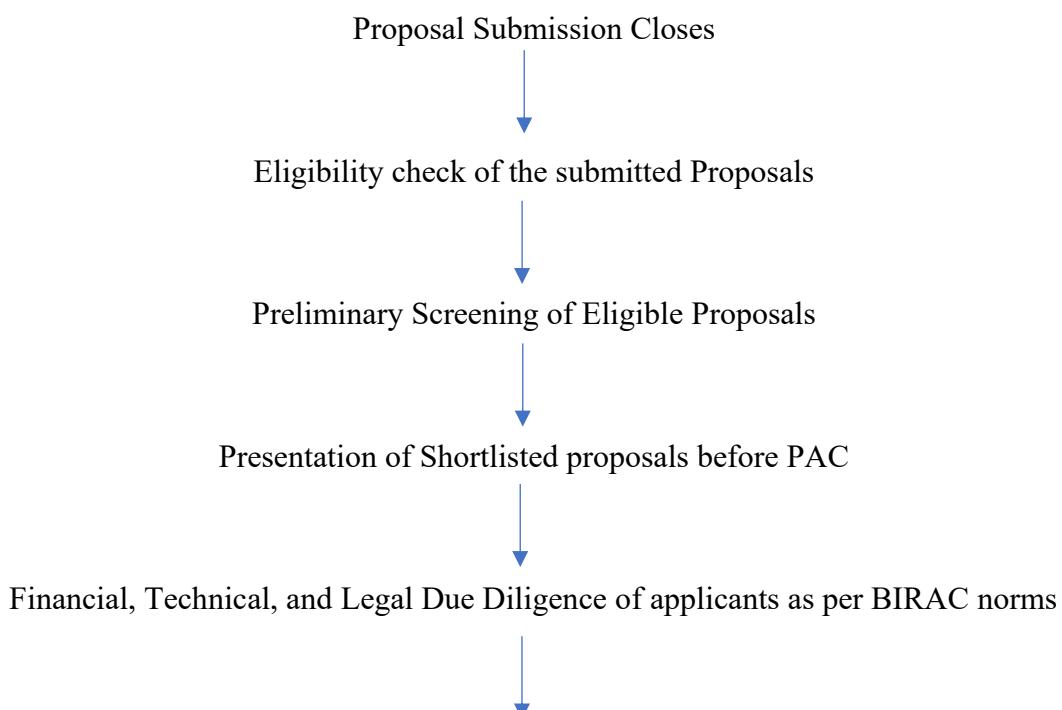
6.2.1. Innovation

6.2.2. Scope for future scale up

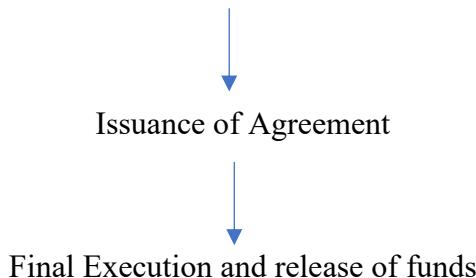
6.2.3. Technical Feasibility of the proposed technology

6.2.4. Commercial deployment potential

- 6.2.5. Total project cost
- 6.2.6. Quantum of green hydrogen production
- 6.2.7. Whether offtaker is identified/consumption details of hydrogen produced.
Projects with identified Offtakers will be given preference while shortlisting the Projects.
- 6.3. Shortlisted proposals will be called for a presentation to the Project Appraisal committee (PAC) under the Chairmanship of Mission director, NGHM. The Committee will evaluate the proposals on the basis of the following criteria
 - 6.3.1. Project Concept & Innovation
 - 6.3.2. Technical Expertise & Experience
 - 6.3.3. Impact Assessment & Feasibility
 - 6.3.4. Strength of the Proof of concept and early-stage validation data provided
- 6.4. A site visit for shortlisted projects may be done based on the recommendations of the PAC. The site visit report will be presented to the PAC for final recommendations.
- 6.5. The final approval will be given by the Advisory Group (AG) of the National Green Hydrogen Mission.
- 6.6. The application will be proceeded further for financial concurrence, legal/IP concurrence and issuance of Grant-in-aid Letter Agreement (GLA) as per BIRAC norms. Financial Due Diligence will be done as per BIRAC norms.
- 6.7. GLA will be issued to all parties with final milestones and budget



Finalization of deliverables, budget, and duration of the projects in consultation with the
Advisory Group



7. PROJECT EXECUTION AND COMMISSIONING

- 7.1.** The EA will be required to execute objectives as per the approved Scope of Work given under the GLA. The EA shall commission the pilot plant within 12 months from issuance of GLA and subsequently demonstration of the plant is to be shown for a period of 6 months.
- 7.2.** The EA shall submit the Milestone Completion Report (MCR) to BIRAC within 15 days after completion of every milestone.
- 7.3.** The EA will be required to intimate BIRAC at least 45 days in advance regarding expected date of commissioning of the Project, so that BIRAC may plan for inspection or any other activity to be planned for confirmation/validation of the commissioning. Inspection and verification of parameters as per the CfP may also be carried out by agencies authorized by MNRE/BIRAC.
- 7.4.** A site visit committee comprising members from BIRAC/MNRE and/or other relevant experts will visit the Project Facility at the time of commissioning. The EA will be required to provide information/documents to the satisfaction of BIRAC/MNRE or any of their authorized representatives to the extent of their satisfaction, as necessary for verification of claims of the EA.

8. DURATION AND PENALTY PROVISIONS

- 8.1.** The grants released under this CfP shall be exclusively earmarked for the Project and should not be diverted for any other purpose.
- 8.2.** If the Executing Agency (EA) fails to utilize the grant for the purpose for which it has been sanctioned or fails to complete the Project as per approved milestones, it shall refund the entire amount of the grant, with interest as per GFR to MNRE.

- 8.3. The project will be for a duration of maximum 18 months. Commissioning of the plant has to be completed in 12 months and subsequently, demonstration is to be conducted for 6 months.
- 8.4. The Executing Agency shall commission the project as per the timeline specified in GLA. Extension of up to 6 (six) months after **scheduled completion date (SCD)** may be granted for completion of the project on the basis of adequate justification, with the approval of Steering committee, without any penalty.
- 8.5. Any extension beyond 6 (six) months after SCD will be granted with the approval of Hon'ble Minister of New and Renewable Energy, with suitable penalties as specified below:
 - 8.5.1. Penalty @ 1% p.a. will become applicable on the amount released for the period starting from the first extension to the final date of completion report submission and the amount will be paid within 7 days of issuance of Extension Order directly to Consolidated Fund of India. The period of delay will be the time span between due date for project completion as per the GLA and the date of acceptance of Project Completion Report by MNRE/BIRAC.
 - 8.5.2. Note: The penalty is levied on behalf of the Government of India to ensure these Projects are not left incomplete or delayed for reasons which don't qualify for any extension of time. Therefore, BIRAC will be under no obligation to demonstrate any proof of loss on account of such delay or incompleteness /non-completion of the Project.
- 8.6. MNRE/BIRAC reserves the right to retract sanction/cancel/shortclose the Projects in consultation with the Steering Committee in cases where the EA(s) or the Project(s) face unreasonable delays or fails to comply with the objectives/provisions of this scheme or the Mission and the entire amount of the grant disbursed should be refunded, with interest as per GFR to MNRE.

9. **FUNDING AND DISBURSEMENT**

- 9.1. Under this CfP, a total financial support of INR 100 Cr. with maximum support of INR 25 Cr. is available to each pilot project for biomass & other innovative technology-based pilot projects for Green Hydrogen Production. Percentage of total Central Financial Assistance (CFA) to the entities/organization is given below:
 - 9.1.1. For Private entities – Up to 80% of total equipment cost or maximum support of INR 25 Cr to each pilot project, whichever is less.

9.1.2. For Government organizations – Up to 100% of total equipment cost or maximum support of INR 25 Cr to each pilot project, whichever is less.

9.2. The scheme would fund expenditure related to equipment/retrofitting for production of Green Hydrogen and its derivatives through innovative models/pathways and their applications. Operating expenses/recurring expenses on account of manpower, consumables, production of renewable electricity or its sourcing, land and water sourcing etc. will not be funded under the scheme. Civil construction will not be supported under the project cost.

9.3. The maximum amount of CFA that will be allocated to an Applicant including the collaborators shall be limited to INR 25 Crore per project

9.4. Stages of disbursement of Central Financial Assistance (CFA) are as follows:

S. No.	Disbursement stage	% of CFA to be released to EA
1	On Award of Project (Signing of Grant-in-aid Letter Agreement (GLA))	20%
2	Receipt of 100% worth of the equipment as per Agreement	40%
3	Commissioning of Project as per Agreement	30%
4	Operation of the plant for 6 months and Completion of the Project	10%

9.5. The EA has to submit Bank Guarantee amounting to 20% of the amount sanctioned by BIRAC in favour of BIRAC at the time of execution of Agreement. The Bank Guarantee shall remain valid till full and final settlement of liabilities under the Agreement.

9.6. EA will remit the accrued interest and other charges, if any, on the grant to Consolidated Fund of India as per rule 230(8) of GFRs 2017.

9.7. The detailed checklist along with the list of documents to be submitted for Milestone based disbursement shall be shared subsequent to the issuance of GLA.

9.8. The EA shall submit the Utilization Certificate (UC) and Statements of Expenses (SOE) duly audited by a Chartered Accountant for the expenditure incurred towards the Project for every half year period, ending 30th September and 31st March, to BIRAC, within a month of closure of the accounts for the respective half year, in the format provided by BIRAC. The CA shall also certify that there has been no change

in the shareholding pattern and if there is any change, the particulars shall be specified.

- 9.9. The EA shall submit UC and SOE duly certified by Internal finance personnel to BIRAC in the format provided on the completion of the respective milestones
- 9.10. The EA shall duly submit the Progress Report (every 2 months) for the Project to BIRAC
- 9.11. The Fund Recipient shall submit audited Annual reports along with the audited balance sheets and profit & loss accounts to BIRAC within seven months of the completion of the financial year ending 31st March till the completion of the Project Duration.
- 9.12. **Zero Balance Subsidiary Account (ZBSA) for contribution by BIRAC:** As per the mandate from the Department of Expenditure (DoE), fund recipients are required to open a Zero Balance Savings Account (ZBSA) and ensure that expenditures are incurred on a just-in-time basis through the assigned limit, thereby preventing the parking of Government funds. EA will remit the accrued interest and other charges, if any, on the grant to Consolidated Fund of India
- 9.13. The EA shall keep their project contribution in a separate no-lien account (as directed by BIRAC from time to time in this regard) in the name of the Fund Recipient with a Scheduled Bank (as defined under the RBI Act, 1934), the withdrawals and payments from which account shall be subject to verification by BIRAC. It shall also obtain and furnish to BIRAC a letter from the concerned bank forego the right of set off or lien in respect of such account. Further, the interest earned on the Grant Assistance if any should be reported to BIRAC.
- 9.14. The EA shall ensure that the funds released for the Project are actually utilized only for the purposes of the Project and as expressly provided for in the GLA.
- 9.15. The EA shall refund such part of CFA disbursed to it that remains unutilized with it upon completion of all the responsibilities, duties and functions specified in connection with the Project, within one month of such completion, to BIRAC along with consolidated accounts of the funds received and utilized and of the unutilized balance returned (UC & SOE).
- 9.16. The EA at their own cost, shall take adequate care to maintain the capital assets acquired for the Project through CFA. The capital assets acquired through CFA shall not be disposed of or hypothecated without the specific approval of BIRAC till full and final settlement of all dues to the satisfaction of BIRAC.

10. INSTRUCTIONS TO APPLICANTS FOR STRUCTURING OF PROPOSALS IN RESPONSE TO CFP

10.1. The Applicant, including the collaborators shall submit single response to CfP.

Submission of proposals by Applicants in response to CfP shall be done in the manner described below:

10.1.1. In case of a Joint Venture, a Power of Attorney in favour of the Lead Member issued by the other Members of the Joint Venture shall be provided in original as per format attached hereto as Format 1.

10.1.2. In case of a JV, the JV Agreement between the Members in the JV needs to be submitted.

10.1.3. In case of collaborative projects, a Memorandum of understanding (MoU) highlighting the roles and responsibilities of the parties needs to be provided.

10.1.4. Undertaking indicating that as on the proposal submission deadline, the Applicant or any of its Affiliates is not a wilful defaulter to any lender, should not have been barred or included in the blacklist by any government agency or authority in India (as per Format 2).

10.1.5. A disclosure statement as per Format 3 regarding participation of any related companies in the selection process.

10.2. Attachments

10.2.1. Memorandum of Association, Article of Association needs to be attached along with the Proposal. The Applicant should also highlight the relevant provision which highlights the objects relating to Power/Energy/Renewable Energy/ Green Hydrogen/Hydrogen project development.

10.2.2. Certificate of Incorporation of Applicant Company/ all member companies of JV.

10.2.3. A certificate of shareholding (51% of the shareholding by Indian shareholders) of the Applicant company, its Parent and Ultimate Parent (if any) duly certified by a practicing Chartered Accountant/ Company Secretary as on a date within 30 days prior to the last date of Proposal submission. BIRAC reserves the right to seek additional information relating to shareholding in promoter companies, their Parents/ Ultimate Parents/ Affiliates/body corporates and other Group Companies to satisfy

themselves that CfP conditions have been complied with and the applicant will ensure submission of the same within the required time lines.

10.2.4. Certified copies of annual audited accounts for the last financial year, i.e. FY 2024-25, along with certified copies of Balance Sheet, Profit & Loss Account, Schedules and Cash Flow Statement

10.2.5. Any other documents required for evaluation of proposals.

11. IMPORTANT NOTES AND INSTRUCTIONS TO APPLICANTS

11.1. All the information should be submitted in English language only.

11.2. Response to CfP that are incomplete, which do not substantially meet the requirements prescribed in this CfP, will be liable for rejection by BIRAC.

11.3. Non-submission and/ or submission of incomplete data/ information required under the provisions of CfP shall not be construed as waiver on the part of BIRAC of the obligation of the Applicant to furnish the said data/ information unless the waiver is in writing.

11.4. Only New Delhi Courts shall have exclusive jurisdiction in all matters pertaining to this CfP.

12. NOTICE BOARD FOR DISPLAY

12.1. The Applicant will have to put a notice board (at least 180 cm x 120 cm) at its Project site main entrance prominently displaying the following message before Commissioning of the Project.

<p>Pilot Projects on Innovative Green Hydrogen Production Logo-NGHM Owned and operated by ----- (Insert name of the EA) [Under Call for Proposal for Implementation of pilot projects for production of Green Hydrogen from biomass & other technologies using Innovative Methods by Biotechnology Industry Research Assistance Council]</p> <p>Village....., Tehsil....., District....., State.....</p>

13. PROPOSAL PREPARATION COST

The Applicant shall be responsible for all the costs associated with the preparation of the application. BIRAC shall not be responsible in any way for any cost prior to signing of the GLA regardless of the conduct or outcome of the selection process.

14. RIGHT OF BIRAC TO REJECT A PROPOSAL

BIRAC reserves the right to reject any or all of the responses to CfP or cancel the CfP or annul the selection process for any project at any stage without assigning any reasons whatsoever and without thereby any liability.

15. POST SIGNING OF AGREEMENT COMPLIANCES

- 15.1.** Timely completion of all the milestones will be the sole responsibility of the EA. BIRAC shall not be liable for issuing any intimations/ reminders to Applicants for timely completion of milestones and/ or submission of compliance documents.
- 15.2.** Any checklist shared with the EA by BIRAC for compliance of above-mentioned milestones to be considered for the purpose of facilitation only. Any additional documents required as per the conditions of Guidelines and CfP must be timely submitted by the EA.

16. POINTS OF CONTACT IN BIRAC

Dr. Shilpi Gupta, DGM and Head-ISD at sgupta.birac@nic.in,
Dr. Smita Sunil Hingane, Associate Consultant at tech-05@birac.nic.in
or call +91-11-49968888

17. ACKNOWLEDGEMENT

The facility developed through the MNRE-BIRAC support should be duly acknowledged by displaying MNRE-BIRAC logo on the most visible parts of premises most probably on the entrance area, reception etc. The NGHM-BIRAC logo must be visibly displayed on project-related websites and online platforms, and appropriate acknowledgement must be included in all digital content pertaining to the project's progress, outputs, or outcomes.

All publications/ assets emanating from the project whether in physical or digital form shall duly acknowledge that the underlying investigation/ progress/ product received financial support from BIRAC. BIRAC's grant assistance may not be used for publication costs unless specifically authorized. Publication means while publishing or presenting or using

in any manner the details/ outcome of the project/ program/ product, its progress or its success along with the “Disclaimer” that “reference therein to any specific commercial product, process, views or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement or recommendation by BIRAC, or assuming liability of any sort”.

Usage of MNRE-BIRAC logo: Without MNRE-BIRAC’s prior written approval, the fund recipient shall not, in any manner, statement or material, use the name (or any abbreviation thereof) of the MNRE and BIRAC.

18. DISQUALIFICATION

Proposals submitted by an applicant defaulting on repayment of GLA or royalty (in any scheme of BIRAC) or are irregular with regard to the repayment of installments to BIRAC will be considered ineligible.

BIRAC reserves its right to disqualify promoters/promoting Companies with a track record of legal and financial defaults during due diligence.

19. PROTECTION OF INTELLECTUAL PROPERTY RIGHTS:

The guidelines for IPR shall be issued separately after MNRE approval

20. MISCELLANEOUS PROVISIONS

20.1. Charges & Cost: Unless otherwise agreed, all charges and cost shall be borne by the EAs for development of Pilot Projects on Innovative Green Hydrogen Production from Biomass & other technologies. Till the issuance of GLA(s), under no circumstances, BIRAC/MNRE shall be liable for any cost and charges whatsoever for the activities undertaken by the Executing Agencies.

20.2. Compliance with Applicable Laws/ Regulations/ Guidelines and Technical/ Regulatory Approvals: EAs shall comply with all applicable laws, regulations and guidelines. The EA shall be solely responsible for obtaining the design, safety, applicable environmental and other approvals, as required.

20.3. Testing and Certification: The EA shall get necessary testing and certification compliance from the concerned agencies.

20.4. Indemnity: EA shall indemnify, defend and hold BIRAC and MNRE harmless against any claims, losses, damages, cost, expenses, penalty, fines arising out of any of act, omission, breach, actions and deeds of the EA.

20.5. Confidentiality: The Parties undertake to hold in confidence information / data / documents exchanged during course of execution of the project (and subsequently) and not to disclose the terms and conditions of the transaction contemplated hereby to third parties without the prior written consent of the other Party, except:

- 20.5.1.** to their professional advisors;
- 20.5.2.** to their officers, contractors, employees, agents or representatives, financiers, who need to have access to such information for the proper performance of their activities; or
- 20.5.3.** Disclosures required under Law

20.6. Adherence to the Highest Degree of Standards: The Applicants and their respective officers, employees, agents and advisers shall observe the highest standard of ethics during the Execution Process and subsequently. The Authority may reject any Application without being liable in any manner whatsoever to the applicant if it determines that the applicant has, directly or indirectly or through an agent engaged in misrepresentation, intellectual property (IP) right violation, corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice.

21. MONITORING AND REVIEW

- 21.1. Steering Committee:** Overall monitoring of the scheme and evaluation of projects undertaken will be done by the Steering Committee (SC) under the chairmanship of Secretary MNRE and comprising of members viz., Mission Director-NGHM and any other members and experts from relevant organisations, as nominated. The Steering Committee shall be responsible for overall monitoring and implementation of the scheme and suggest modification and course corrections for its successful implementation
- 21.2.** In case of any ambiguity in the interpretation of any of the provisions of the scheme, the decision of MNRE shall be final. The Steering Committee will also facilitate/recommend measures to resolve difficulties, if any.
- 21.3. Project Appraisal Committee:** A Project Appraisal Committee (PAC) under the Chairmanship of Mission Director, NGHM, with members from Central/State

Departments and other organisations shall evaluate and monitor the project proposals and recommended projects for sanction of Central Financial Assistance (CFA). The PAC shall monitor sanctioned projects on quarterly basis for the allocation of funds based upon the progress of the project.

Call opens on: 26th December 2025

Call closes on: 27th January 2026

FORMAT FOR POWER OF ATTORNEY

(Applicable Only in case of Consortium/JV)

(To be provided by each of the other members of the Consortium/JV in favor of the Lead Member)

(To be stamped in accordance with Stamp Act, the Non-Judicial Stamp Paper of Appropriate Value)

(The term “Consortium” in this draft may be replaced with “Joint Venture” in case of Applicants participating in a JV)

KNOW ALL MEN BY THESE PRESENTS THAT M/s..... having its registered office at,, and M/s having its registered office at, (Insert names and registered offices of all Members/Entities of the Consortium) the Members/Entities of Consortium have formed a Consortium named (Insert name of the Consortium if finalized) (hereinafter called the ‘Consortium’) vide Consortium Agreement dated..... and having agreed to appoint M/s..... as the Lead Member/Entity of the said Consortium do hereby constitute, nominate and appoint M/s.....a company incorporated under the laws ofand having its Registered/ Head Office atas our duly constituted lawful Attorney (hereinafter called as Lead Member) to exercise all or any of the powers for and on behalf of the Consortium in regard to submission of the response to CfP No.....

We also authorize the said Lead Member to undertake the following acts:

1. To submit on behalf of Consortium Members/Entity response to CfP.
2. To do any other act or submit any information and document related to the above response to CfP.

It is expressly understood that in the event of the Consortium being selected as Successful Applicant, this Power of Attorney shall remain valid, binding and irrevocable until the Consortium achieves execution of the Project.

We, as the Member of the Consortium, agree and undertake to ratify and confirm all whatsoever the said Attorney/ Lead Member has done on behalf of the Consortium Members pursuant to this Power of Attorney and the same shall bind us and deemed to have been done by us.

IN WITNESS WHEREOF M/s , as the Member of the Consortium have executed these presents on this day of under the Common Seal of our company.

For and on behalf of Consortium Member

M/s.....

----- (Signature of person authorized by the board)

(Name

Designation

Place:

Date:)

Accepted

(Signature, Name, Designation and Address

of the person authorized by the board of the Lead Member)

Attested

(Signature of the executant)

(Signature & stamp of Notary of the place of execution)

Place: -----

Date: -----

Format 2

UNDERTAKING

(To be submitted on the letterhead of the Applicant/each member of Consortium/JV)

We, hereby provide this undertaking to Biotechnology Industry Research Assistance Council, in respect to our response to CfP vide CfP No. _____ dated _____, that as on the last date of proposal submission, M/s _____ (insert name of the Applicant), or any of its Affiliates is not a wilful defaulter to any lender. We further undertake that as on the last date of proposal submission, M/s _____ (Insert name of the Applicant) & any of its Affiliate, including any Consortium/JV Member & any of its Affiliate, their directors have not been barred or included in the blacklist, by any government agency or authority in India, the government of the jurisdiction of the Applicant or Members where they are incorporated or the jurisdiction of their principal place of business, any international financial institution.

We further declare that the above statement is true & correct. We undertake that if at any stage it is found to be incorrect for our Project under the scheme, BIRAC will be entitled to cancel the allocation to our Project and we agree to pay any charges towards penalties/recoveries as imposed by BIRAC.

(Signature, Name & Designation of the Authorized Signatory)

Format 3

FORMAT FOR DISCLOSURE

(To be submitted on the Letter Head of the Applicant/ Each Member of JV)

DISCLOSURE

Ref. No. _____

Date: _____

From: _____ *(Insert name and address of Applicant/ Lead Member of Consortium/JV)*

Tel. #:

E-mail address#

To

(Enter Address of BIRAC)

Sub: Response to CfP No. _____ dated _____ for _____.

Dear Sir/ Madam,

We hereby declare and confirm that only we are participating in the CfP Selection process for the CfP No._____ and that our Parent, Affiliate or Ultimate Parent or any Group Company with which we have direct or indirect relationship are not separately participating in this selection process.

We further declare and confirm that in terms of the definitions of the CfP, M/s _____ (enter name of the Promoter/Promoters) is/are our Promoter(s), and has/have a direct/indirect Control in the Applicant company as per the Companies Act 2013. No other entity has a direct/indirect control in the Applicant except the entity(ies) mentioned above.

We further declare that the above statement is true & correct. We undertake that if at any stage it is found to be incorrect, in addition to actions applicable under the CfP including but not limited to cancellation of our response to this CfP and GLA as applicable, we, i.e. M/s

_____ (enter name of the Applicant company), including our Parent, Ultimate Parent, and our Affiliates shall be suspended/debarred from participating in any of the upcoming calls issued by BIRAC for a period of 2 years from the date of default as notified by BIRAC.

We also understand that the above is in addition to the penal consequences that may follow from the relevant laws for the time being in force.

Dated the _____ day of _____, 20____.

Thanking you,

We remain,

Yours faithfully,

Name, Designation, Seal and Signature of Authorized Person in whose name Power of Attorney/ Board Resolution/ Declaration.