

**Call for Proposal (CfP)  
for Pilot Project from Start-ups  
developing innovative Green Hydrogen  
production/utilization technologies**



*Date of issue: 11<sup>th</sup> September 2025*

**National Institute of Solar Energy  
(An Autonomous Institute of Ministry of New and Renewable Energy, Government of India)  
Gurugram-Faridabad Road, Gwal Pahari, Gurugram - 122003 (Haryana)**

## **Call for Proposal (CfP) for Pilot Project from Start-ups developing innovative Green Hydrogen production/utilization technologies**

### **1. Background:**

- 1.1 The National Green Hydrogen Mission (NGHM), hereafter mentioned as the 'Mission', was launched on 4<sup>th</sup> January 2023 with an outlay of Rs. 19,744 Crore with an aim to make India a global hub for production, usage and export of Green Hydrogen and its derivatives. The Mission is a key step toward achieving India's goal of becoming Aatmanirbhar (self-reliant) through clean energy, and it serves as a model for the global clean energy transition. The Mission will lead to significant decarbonisation of the economy, reduce dependence on fossil fuel imports, and enable India to assume technology and market leadership in Green Hydrogen. "Green Hydrogen," shall mean Hydrogen produced using renewable energy, including but not limited to, production through electrolysis or conversion of biomass and is defined having a well-to-gate emission of not more than 2 kg CO<sub>2</sub> equivalent per kg H<sub>2</sub>.
- 1.2 As part of the Mission, the Ministry of New and Renewable Energy (MNRE) intends to support pilot projects focused on the production and usage of Green Hydrogen to replace fossil fuels and fossil fuel-based feedstocks. Particular emphasis is placed on decentralized production methods, including rooftop solar, small/micro-hydel plants, etc., which are well-suited for localized applications. Additionally, Green Hydrogen and its derivatives hold great potential for community-level use in heating, cooking, and off-grid electricity generation or storage—offering opportunities to replace LPG, diesel, and other conventional fuels, thus reducing emissions and improving air quality. The adoption of Green Hydrogen-based fuels in emerging sectors, such as off-road vehicles used in construction and mining, also presents a sustainable solution for emission reduction.
- 1.3 In order to evaluate different innovative production pathways for Green Hydrogen and its derivatives and to assess the feasibility of hydrogen utilization in residential and commercial applications in decentralized mode, MNRE has notified a Scheme dated 4<sup>th</sup> August 2025 title Scheme Guidelines (Revised) 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, including any new sector or technology not covered in previous Mission schemes.”

1.4 The Scheme is being implemented in two parts:

- i. Part A – To call proposals for biomass-based & other technology-based pilot projects with total financial support of Rs. 100 Cr. With maximum support of Rs. 25 Cr to each pilot project.
- ii. Part B- To call proposals for pilot projects from start-ups developing innovative Green Hydrogen production/utilization technologies with total financial support of Rs. 100 Cr. With maximum support of RS. 5 Cr to each pilot project.

## **2. Objective of the Call:**

2.1.The objective of this call is to implement Part B of the Scheme as described at 1.4 ii. by seeking proposals for pilot projects from Start-ups developing innovative Green Hydrogen production/utilization technologies. Start-up by definition shall be an entity incorporated as a private limited company, partnership, or LLP, is less than 10 years old, has a turnover not exceeding ₹100 crores annually for any of the financial years, and shall be recognized by the Department for Promotion of Industry and Internal Trade (DPIIT).

2.2. Specific objectives of the call include:

- a. To identify and support start-ups developing Pilot Scale/Demonstration projects of innovative models/pathways for production and decentralized utilization of Green Hydrogen.
- b. To understand operational issues and gaps in terms of current technology readiness, regulations, implementation challenges, infrastructure and supply chains, for future scaling and commercial deployment of different Green Hydrogen production pathways and utilization models, in residential, commercial and other new sectors.
- c. To support start-ups through these proposed pilot projects leading to setting up of necessary facilities including refuelling stations, storage and distribution networks resulting in establishing of a Green Hydrogen ecosystem in these new sectors.

- d. To promote self-reliance and sustainability by encouraging the development of indigenous technologies aligned with national goals.

### 3. Focus areas for Pilot Projects:

- 3.1 Start-ups working on emerging technologies aligned with NGHM are encouraged to submit their proposals as per below topics. The list is **indicative** and **may be expanded** to include other relevant areas:

Category	Topics
<b>Hydrogen Production</b>	<ul style="list-style-type: none"> <li>• Seawater Electrolysis with minimum environmental impact</li> <li>• Predictive Models for LCOH</li> <li>• Recycling Ecosystem for Hydrogen</li> <li>• new Green Hydrogen generation processes at high TRL greater than four (other than the electrolysis &amp; biomass)</li> <li>• Integration of Renewable Energy Sources for Green Hydrogen Production.</li> <li>• Innovative technology for hydrogen derivative production such as ammonia, syngas, etc.</li> <li>• Next-Generation Membranes and Electrodes for High-Efficiency Electrolyzers.</li> <li>• Development of manufacturing machines and equipment for electrolyzer production.</li> <li>• Direct Photo Electrolysis of water</li> </ul>
<b>Hydrogen Storage and Transportation</b>	<ul style="list-style-type: none"> <li>• Modular Hydrogen Pipelines development for remote industrial or rural deployment</li> <li>• Digital Twin for Hydrogen Supply Chain Logistics</li> <li>• Innovations in LOHC and solid-state hydrogen storage</li> <li>• Development of low-cost large seasonal hydrogen storage</li> <li>• Smart Hydrogen Transportation Network Using AI and IoT for Leak Detection and Logistics Optimization.</li> <li>• Alternate for Hydrogen Transport such as Ammonia or methanol as hydrogen carriers.</li> <li>• Development of Low-Pressure Solid-State Hydrogen Storage Systems for Distributed Applications.</li> <li>• Hydrogen storage in Ionic liquids/MOF/Graphene based materials</li> <li>• Electro-chemical hydrogen compression</li> <li>• Metal Hydride hydrogen compression</li> </ul>
<b>Hydrogen Safety</b>	<ul style="list-style-type: none"> <li>• Sensors, leak detectors, and pressure relief devices: <ul style="list-style-type: none"> <li>- State of the art sensor development,</li> <li>- AI driven leak detectors with wireless communication</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>- Pressure relief devices with reduced flame length</li> <li>- Smart Fire detectors and fire suppression systems for hydrogen</li> <li>• Material development <ul style="list-style-type: none"> <li>- Deployment of novel materials, such as nanocomposites and coatings resistant to Hydrogen embrittlement to enhance the performance and safety of hydrogen systems</li> <li>- Fire resistant coatings/ materials of onboard storage</li> </ul> </li> <li>• Early warning and emergency response <ul style="list-style-type: none"> <li>- AI based systems for early warning and predictive failure Analysis</li> </ul> </li> <li>• Evolution of Risk based and performance based</li> </ul>
<b>Hydrogen Applications</b>	<ul style="list-style-type: none"> <li>• Innovative technology for hydrogen and its derivatives-based Cooking</li> <li>• Innovative use of Hydrogen in Aviation Sector</li> <li>• Use of Hydrogen in Turbines for power sector</li> <li>• Combined Heat and Power Systems (CHPS)</li> <li>• Development of low-cost hydrogen refueling station (Cost less than one crore)</li> <li>• Retro fitment of diesel locomotive into H2-ICE locomotive</li> <li>• Development of new &amp; novel hydrogen purification system (other than PSA)</li> <li>• Power-to-X Applications for Industrial Decarbonization</li> <li>• Development of Hydrogen-Powered Gensets for Clean Backup Power Solutions</li> <li>• Innovation for hydrogen use in any industry other than transport, steel &amp; shipping.</li> </ul>

#### 4. Who Can Apply

- a. Proposal can be submitted by start-ups developing innovative Hydrogen production/utilization technologies and intending to set up a pilot project on Green Hydrogen in India.
- b. The applicant must be a start-up recognized by the DPIIT at the time of application. If not registered, funding will only be disbursed after successful DPIIT recognition.
- c. The start-up must be an Indian entity as per the Companies Act, 2013, with at least 51% shareholding held by Indian promoters at the time of application. The Intellectual Property (IP) developed under the project should reside in India.
- d. The proposed solution should be at **Technology Readiness Level (TRL) 3–4** (i.e., proof of concept or lab-validated prototype), with clear potential to scale to **TRL 6–8** (market-ready stage) during the project duration. TRL definition is as per detail mentioned at Annexure – II.

- e. Consortiums/Partnership based proposal are also invited. In case of a consortium/partnership-based proposal, the Strat-up will be the lead agency to submit the Proposal.
- f. The Strat-up selected for the pilots will implement the projects, share knowledge and viability and other outcomes of the pilot projects through project completion report, monitoring reports workshops, and publications to disseminate findings, best practises, and lessons learned from the pilot.

## 5. Funding and Disbursement

- i. The quantum of funds under this Call is **Rs. 100 Cr till 2025-26.**
- ii. The start-up for pilot project for innovative hydrogen production/Utilization technologies will be supported maximum support of **Rs. 5 Cr or 80% of total equipment cost per Start up, whichever is less.**
- iii. Stages of disbursement of Central Financial Assistance (CFA):

Instalments	Milestone* %	Percentage of CFA to be released
1 <sup>st</sup> Instalment	On Award of Project (acceptance of Project by Selected Start-up)	20%
2 <sup>nd</sup> Instalment	25% completion of Project Work as per sanction	20%
3 <sup>rd</sup> Instalment	75% completion of Project Work as per sanction	50%
4 <sup>rd</sup> Instalment	On completion	10%

\*Milestones to be clearly defined in the proposal

- iv. The funds released shall be exclusively earmarked for the project and should not be diverted for any other purpose.
- v. Selected Start-ups to submit a Performance Bank Guarantee of 5% of the approved CFA along with acceptance of Project.

## 6. Monitoring Framework

- i. A Project Appraisal Committee (PAC) under the Chairpersonship of Mission Director, NGHM and other members as nominated by MNRE shall monitor/review/evaluate the pilot project proposals and recommend projects for sanction of CFA.
- ii. The PAC shall monitor sanctioned projects on a quarterly basis for the allocation of funds based upon the progress of the project.
- iii. The proposal recommended by PAC will be approved by Advisory Group under the chairmanship of Principle Scientific Advisor (PSA) to Govt. of India. The release of CFA will be as per the recommendation of PAC.
- iv. Selected Strat-ups will be recommended by PAC to MNRE for issuing sanction. The Letter of Award (LoA) shall be issued to Strat-up by NISE upon receipt of administrative sanction from MNRE.

## 7. Submission of Proposal

- i. Start-ups to submit the Scanned copy of the Proposal to **hydrogen@nise.res.in** before the deadline as mentioned at Clause 17 of this Call. Any other means of application will not be considered.
- ii. Format of the application is as given at **Annexure – I**.
- iii. After submission of the Scanned copy of the Proposal to **hydrogen@nise.res.in** before the deadline, applicants is also to submit the Hard Copy of the application, duly signed and stamped, to: National Institute of Solar Energy (NISE) Gwal Pahari, Faridabad Highway Gurugram – 122003, Haryana.
- iv. The start-up is required to submit the declaration stating the prior funding sought from any other central government scheme in the last five years for the same project.
- v. Each start-up may submit only **one proposal** under this call.
- vi. **Each start-up will nominate a Project Leader (PL) during the application.**
- vii. **Project Leader (PL) Requirements:**
  - ❖ A qualified **Project Leader** must be identified, who will be responsible for the technical and managerial execution of the project.
  - ❖ The PL must have completed at least an undergraduate degree in any relevant discipline.
  - ❖ The PL should be a shareholder or founder in the start-up.

- ❖ The PL must personally present the proposal if shortlisted and will be responsible for signing the project agreement upon selection.

Note:

- (a) All pages of all documents submitted must be self-attested by the applicant or its authorised signatory. Supporting documents for such authorisation is required.*
- (b) Any proposal submitted beyond the prescribed time limit will not be entertained. Incomplete information or deficient documents submitted/ uploaded by the applicant may lead to rejection of proposals.*
- (c) Mere submission of application (with required documents) against this 'Call for Proposal' does not confer any right on the applicant for claim of grants-in-aid under the Scheme.*
- (d) When original documents are in regional language, they should be accompanied by self-certified English/Hindi translation.*

## **8. Implementation Methodology**

- i) The call for Proposals will be valid for a period of 30 days from the date of issuance of the call.
- ii) Evaluation and Award: Proposals received against the call will be evaluated first by the screening committee within NISE to recommend the proposal to be considered by the Project Appraisal Committee (PAC), on the basis of technical parameters as well as Assessment Criteria (**Annexure - III**). Evaluation of Proposals submitted by the screening committee as per Assessment Criteria will be weighted as 70%. Remaining 30% weightage would be as per evaluation by the PAC.
- iii) Applicants or its authorized representatives shall make a presentation regarding its proposal to the PAC.
- iv) Selected Applicants will be recommended by PAC to MNRE for issuing sanction. The Letter of Award (LoA) shall be issued to Applicant by NISE upon receipt of administrative sanction from MNRE.
- v) The decision of the PAC shall be final in respect of eligibility or otherwise of the proposals, selection of proposals for grants-in-aid and quantum of grants-in-aid approved.
- vi) LoA will be issued to the selected applicants giving, inter alia, details of project, total project cost, eligible project cost, approved grants-in-aid, completion schedule of the approved project and other relevant details.



- vii) Once LoA is issued by NISE, the applicant has to provide Acceptance Letter as per prescribed format (**Annexure - IV**) along with their bank details allocated specifically for the project and countersigned copy of LoA.
- viii) Execution and Commissioning: The work shall be executed by selected Start-up as per the approved scope of work and completion schedule of the Project and other details as mentioned in the LoA. Start-up shall provide monthly reports to NISE on the Project progress.
- ix) Technical and Regulatory approvals: Selected Start-up shall be solely responsible for obtaining the safety, environmental and regulatory approvals, as required.

## **9. Release of Grants-In-Aid**

- i) The grants-in-aid will be released in instalments as per table mentioned above at 5.iii of the CfP.
- ii) Before release of every instalment of grants-in-aid claimed by Start-up, NISE may get the project visited on necessary intervals and verified by NISE/ MNRE.
- iii) All the transactions out of the grants-in-aid shall be monitored by the NISE. NISE may also inspect the account of project developer to check the transaction regarding project development.
- iv) Every page of documents submitted to NISE for claiming release of grants-in-aid shall be signed by the Start-up or its authorized representative.
- v) Before release of the final instalment, a signage has to be prominently displayed on the front of the pilot project- "**Project is funded under National Green Hydrogen Mission**".
- vi) The final instalment of grants-in-aid will be released after comparison of the approved and actual cost for the already approved items will be compared and lower of the two will be considered for re-calculation of grants-in-aid.

## **10. Requirement of Documents Before Release of Each Instalment**

The Start-up shall submit request letter for release of Milestone based Payment as described at 5.iii for release of funds. The following list of documents, shall be submitted by the Start-up along with the request letter:

- i) Utilization Certificate for the grants-in-aid released for the previous instalment signed by Authorised Signatory (Controller of Accounts /CFO/FO/Chief Accountant /Accounts Officer in case of Government organizations) along with seal, as per **Annexure - V**.
- ii) Progress report and achieved timeline activities (till date) against the approved scope of work as mentioned in the Sanction Letter.
- iii) Declaration regarding completion of work as per approved milestone in the sanction letter.
- iv) Proof of all the necessary safety, environmental and regulatory approvals (as required at each stage of Project) obtained by the Start-up for the Project.
- v) Geo-tagged photographs of the pilot project from various angles and locations.
- vi) Detailed list of approved equipment procured and installed indicating the approved cost and actual cost as per **Annexure - VI**
- vii) Project completion Report along self-declaration letter (**Annexure - VII**) and proof of the signage prominently displayed on the front of the pilot project - "Project is funded under National Green Hydrogen Mission" – for release of last milestone payment.
- viii) Compliance of any other terms & conditions mentioned in the Sanction Letter.
- ix) NISE reserves the right to ask for any other relevant documents as deemed necessary, apart those mentioned above, from the Start-up for release of milestone payment.

#### **11. Change/Modification to the Project**

- i) Any change/modifications in the sanctioned Project including components or cost of the project shall require the approval of the Project Appraisal Committee (PAC).

#### **12. Non-Implementation or Delay in Implementation of Project and Adjustment, Deduction and Recall of Grants-In-Aid**

- i) Selected Start-up shall make all possible efforts to complete the project as per the stipulated timelines.
- ii) In case of non-adherence to the stipulated timeline and extension beyond six months of the sanctioned timeline, penalty @1% of the financial support released by MNRE will be applicable. The period of delay will be the time span between due date for project

completion as per Letter of Award and the date of acceptance of Project Completion Report by MNRE

- iii) NISE reserves the right to retract sanction or cancel or short-close projects in consultation with PAC in cases where the project(s) face unreasonable delays or fail to comply with the objectives/ provisions of this Scheme or the Mission.
- iv) If the Start-up fails to utilize the grant for the purpose for which it has been sanctioned or failed to complete the project as per the LoA, it shall refund the entire amount of the grant, with interest as per the prevailing GFR rules to NISE.
- v) If at any point of time, it comes to the notice of NISE that grant-in-aid has been availed by manipulation/ concealment of information/ facts, such grants-in-aid released by NISE has to be refunded along with interest as per the prevailing GFR rules. Manipulation/ concealment of information/ facts may also attract other civil/ criminal liabilities as per the prevailing laws.
- vi) In the event of Start-up, a withdrawing from executing the project, the grants-in-aid amount released to it (along with interest as per the prevailing GFR rules) by NISE shall be returned by Start-up to the Ministry within 30 days of communication for refund of such grants-in-aid.
- vii) In case of failure on part of Start-up to refund the grants-in-aid amount (or interest thereon) as directed by NISE, the due amount will be recovered as per applicable laws.

### **13. Guidelines for Safeguard of Intellectual Property:**

- i) Applicant shall submit signed copy of **Annexure – VIII** for the safeguard of any Intellectual Property Rights such as Publications, Patents, Registered Designs or Trademarks etc. which are generated through the projects funded under this scheme.

### **14. Miscellaneous Provisions**

- i) Interpretation of NISE as regards to provisions of the Call for Proposal and/or Letter of Award issued shall be final and binding on Start-up.
- ii) NISE may seek any clarification or direct to submit any document/ information from the applicant at any stage of implementation of the project.

## **15. Jurisdiction of Court**

- i) Any dispute, including selection of proposals or release of financial assistance, arising out of implementation of the CfP/Scheme will be subject to courts/ tribunals having jurisdiction over Delhi.

## **16. Terms and Conditions**

- i. The start-up will initially be supported for a period of 2 years, which may be extended by up to 1 year (2 extensions of 6 months each) based on performance review and justified requirements.
- ii. NISE, with the approval of MNRE, reserves the right to terminate the project at any stage if poor performance/unsatisfactory progress is observed or misuse of funds is reported. Unspent funds must be returned as per government financial rules.
- iii. Any disputes arising in connection with the implementation of the project shall be resolved by the competent authority at NISE, in consultation with MNRE, whose decision shall be final and binding.
- iv. MNRE/NISE reserves the right to modify or update the eligibility criteria or terms of the grant, if required, in the interest of better implementation and impact.

## **17. Important Dates**

- Date of issue of Call for Proposal : **11<sup>th</sup> September 2025**
- Online stakeholders meeting for queries/clarifications : **19<sup>th</sup> September 2025**  
(Applicants are requested to visit NISE website for the link)
- The last date for submission Scanned copy of the Proposal to : **13<sup>th</sup> October 2025**  
hydrogen@nise.res.in

For any queries, please contact NISE:

Kishore K Menon  
Deputy Director (Technical)  
National Institute of Solar Energy  
Ph no: +91 9990076236  
Email: kishorekmenon@nise.res.in

## Format for Submission

**Pilot Project from Start-ups developing innovative Green Hydrogen  
production/utilization technologies**

<b>Startup Details:</b>	
Startup Name:	
Date of Incorporation:	
CIN Number:	
Name of Project Leader (PL):	
Registered Address:	
Is your Startup DPIIT registered? – Yes/No Please provide DPIIT Registration Number:	
Is the startup incubated anywhere? Provide Details	
Startup website, if any	
Annual turnover of the Startup as on 31 <sup>st</sup> March 2025 & likely turn over in 2025-26	
<b>Personnel Details:</b>	
<b>Project Lead (PL) Details:</b> Name: Designation: Date of Birth: Gender: Aadhar Number: PAN Number: Mobile Number: Email ID:	
<b>Details of Founder(s)/ Cofounder(s)/ Promoters(s) of the Start-up (Name, Designation and Contact Details)</b>	
<b>Details of Mentor(s)/Advisor(s) of Start- up (Name, Designation, Affiliation and Contact Details)</b>	

<b>Innovation Details:</b>	
Please provide a detailed document on the proposed innovation (maximum 10-page) (the following pointers may be used to build the document) (i) Innovation details – problem and solution; future potential of technology/innovation with a market landscape (ii) Need and Justification on consideration of the proposal (iii) Team Strengths A Roadmap along with timelines	
TRL Status: (3 to 9 scale) Please refer to Annexure-II regarding definition of TRLs.	
Intellectual Property (IP) details, if any – owners and IP/application number	
Potential Customer Segment:	
Competitors details:	
<b>Funding Details:</b>	
Funds required to advance TRLs and the innovation value chain. Please provide a complete itemized split-up year wise; bifurcated into Capex & Opex.	
Provide the details of total funds/grants received by the startup this may include funds raised through boot strap, grants, equity, Angel funding or venture capital from govt and external investment sources	
<b>Collaborators details if any:</b>	
Name of collaborator including :	
Collaborator's role:	
International collaborations: if any	
Details of any other organisation involved and their role:	

<b>Startup Pitch (Business Plan):</b>	
A 10-slide PowerPoint presentation of the Startup Pitch covering problem statement, solution, investment requirement, roadmap with timelines, company shareholding and valuation, team	
<b>Declaration by the Startup Promoter</b>	
Are you looking for Physical Incubation for your startup	<b>Yes/No</b>
Are you available to dedicate full-time for development of proposed technology or product for your startup	<b>Yes/No</b>
<b>Attachments &amp; Enclosures</b>	
Resume of all founders/directors	<b>Yes/No</b>
Resume of Mentor/Advisor/Faculty Member	<b>Yes/No</b>
Certificate of Incorporation of the company	<b>Yes/No</b>
MoA of the company	<b>Yes/No</b>
AoA of the company	<b>Yes/No</b>
DPIIT Registration Certificate	<b>Yes/No</b>
SME/MSME/Udhayam Registration Certificate, if applicable	<b>Yes/No/NA</b>
Startup Proposal Document	<b>Yes/No</b>
Startup Pitch	<b>Yes/No</b>
IP supporting document	<b>Yes/No/NA</b>
Annual Financial Statements (Last 2 years)	<b>Yes/No</b>
Income Tax Statement	<b>Yes/No</b>
Startup Profile/Brochure	<b>Yes/No</b>
Supporting documents towards funds raised so far by the startup	<b>Yes/No</b>
<b>I agree to abide by the terms and conditions of the Call for Porposal</b>	<b>Yes/No</b>
<b>Name</b>	
<b>Designation</b>	
<b>Signature</b>	
<b>Place</b>	

## TECHNOLOGY READINESS LEVELS (TRL)

RESEARCH DEVELOPMENT DEPLOYMENT	TRL 9	ACTUAL SYSTEM PROVEN IN OPERATIONAL ENVIRONMENT
	TRL 8	SYSTEM COMPLETE AND QUALIFIED
	TRL 7	SYSTEM PROTOTYPE DEMONSTRATION IN OPERATIONAL ENVIRONMENT
	TRL 6	TECHNOLOGY DEMONSTRATION IN RELEVANT ENVIRONMENT
	TRL 5	TECHNOLOGY VALIDATION IN RELEVANT ENVIRONMENT
	TRL 4	TECHNOLOGY VALIDATION IN LAB
	TRL 3	EXPERIMENTAL PROOF OF CONCEPT
	TRL 2	TECHNOLOGY CONCEPT FORMULATION
	TRL 1	BASIC PRINCIPLES OBSERVED



**Criteria for Evaluation of proposals under Call for Proposal for Pilot Project from Start-ups developing innovative Green Hydrogen production/utilization technologies**

The proposals found prima facie eligible based on conditions stipulated in the scheme guidelines, will be evaluated as per the following assessment criteria:

	<b>Criteria</b>	<b>Details</b>	<b>Weightage (%)</b>
<b>1</b>	Is there any need for this Idea?	Market size, what market gap is it filling, does it solve a real-world problem?	<b>10%</b>
<b>2</b>	Feasibility	Feasibility and reasonability of the technical claims, methodology used/ to be used for PoC and validation, roadmap for product development	<b>10%</b>
<b>3</b>	Potential Impact	Customer demographic & the technology's effect on these, national importance (if any)	<b>15%</b>
<b>4</b>	Novelty	USP of the technology, associated IP	<b>15%</b>
<b>5</b>	Team	Strength of the team, Technical and business expertise	<b>10%</b>
<b>6</b>	Fund Utilization Plan	Roadmap of money utilization	<b>05%</b>
<b>7</b>	Fund raised	Fund raised from other organizations including private and government	<b>05%</b>
<b>8</b>	Presentation	Evaluation by the PAC (Overall Assessment)	<b>30%</b>

**[ACCEPTANCE LETTER]**

**(To be submitted on the letter Head of entity within 7 days of receipt of approval letter)**

**To,**

**Director General**

**National Institute of Solar Energy (NISE)**

**GwalPahari, Faridabad Highway**

**Gurugram – 122003, Haryana**

**Subject:** Proposal of M/s \_\_\_\_\_ for grant-in-aid for (name of Project)  
\_\_\_\_\_ at  
\_\_\_\_\_ (address of main location) under the  
(Name of scheme) -reg.

**Sir,**

With reference to the approval letter No. \_\_\_\_\_ dated  
\_\_\_\_\_ of the Ministry of New and Renewable Energy, Government of India, on  
the captioned subject I, \_\_\_\_\_ (Lead Promoter of Start-up  
\_\_\_\_\_) have carefully gone through the provisions of Scheme  
Guidelines and undertake to abide by the same.

**2.** I hereby also confirm that all terms and conditions mentioned in the aforesaid approval letter are unconditionally acceptable to the Start-up (name of Start-up). Further, in no case the approved equipment and Fixture will be changed without prior approval of the Ministry.

(Name & Signature with seal)

(Promoter Director/Proprietor/Partner)

## Chartered Accountant Certificate

(Letter Head of the Chartered Accountant along with membership/ registration number)

This is to certify that ..... % of the promoter's equity, % of the term Loan and .....% of the Grants-in-aid released as ..... instalment have been spent on the project after date of issue of Approval letter. The certification is based on the verification of books of accounts, bills, invoices, work orders, bank statements, etc. related to the..... (name of the project).

Sr. No	Name of the Component	Proposed project Cost	Approved PAC cost	Eligible Cost considered by MNRE for calculation of Grant-in-aid	Grant Approved by MNRE	Grant released by MNRE	Actual Expenditure as on date
1	Equipment						
2	TCW						
3	Non-TCW						
4	Recurring Cost						
5	Other Expenditure (Please specify)						
	<b>Total</b>						

**Signature of CA**  
**with date and Seal**

Counter signature of authorized signatory of Start-up

**Means of Finance:**

<b>Sr. No</b>	<b>Item</b>	<b>Proposed Means of Finance</b>	<b>Approved Means of Finance as per PAC</b>	<b>Grant released</b>	<b>Actual Expenditure as on date .....</b>
1	Promoters contribution				
2	Grant from MNRE				
3	Bank Loan				
	Total				

**Signature of CA**  
**with date and Seal**

Counter signature of authorized signatory of Start-up

## Annexure - VI

### Details of equipment purchased and installed under grant-in-aid released by Ministry of New and Renewable Energy in the hydrogen Start-up Scheme:

#### 1. Name of the Pilot Project:

#### 2. Location of the Pilot Project:

Sl. NO.	Name of the P A C approved equipment	Price in US \$/EURO, etc. + Custom Duty, Service Tax, etc. (if applicable). (In the case of Imported equipment )	Exchange Rate as on ( Date )	Price / Value in Rupees + VAT /Service Tax etc., (if applicable)	Make / Model	Serial Number of the equipment	No. and Date of Invoice (No and date of Purchase or order and Proforma invoice will not be accepted)	Date of Installation of The equipment In the project	Purpose of the equipment and whether functional or not	Amount utilized Out of grant in-aid released By MNRE for Purchase of equipment
1	2	3	4	5	6	7	8	9	10	11

It is certified that all the above equipment has been procured as per the above certified cost. The invoice no, date and serial number mentioned against each equipment have been verified. All above equipment has been installed on the Project.

**Signature of CA (with date and Seal)**

Counter signature of authorized signatory with Seal

**Project Completion Report**  
**Self-Declaration (Letter Head)**

**Name of the Project:**

**Approved Date of Completion of the Project:**

**Actual Date of Completion of the Project:**

I (Head of the Organization) Mr./Mrs.....hereby declare that the "Proposal of ..... as approved by Ministry of New and Renewable Energy vide letter No.....dated.....has been completed and operationalized with effect from ..... All the approved equipment/TCW/Furniture and Fixture have been procured and installed successfully and the details of such equipment are as follows:

S.No.	Name of the Equipment	Date of completion of installation of instrument	Date of commercial operation started
1			
2			
3			
4			

**Signature of the Head of the Organization with seal**

**Date:**

\_\_\_\_\_

**Place:**

**Protection of Intellectual Property Rights**

Start-up is required to seek protection of Intellectual Property Rights for the results/output of the funding scheme and shall share royalty/ proceeds of sale of IPR in accordance with the guidelines given below:

- i) The IPR will belong to the contributing parties (including the MNRE) in proportion to their contributions.
- ii) The Government of India/Govt. bodies (including its PSUs, Govt. autonomous societies etc.) shall have right to obtain a royalty-free license for the Intellectual Property for deployment/use of the same.
- iii) The Union Government shall have a royalty-free license/ March-in Rights for the use of the Intellectual Property. Accordingly, MNRE may grant the patent license(s) to other parties as decided by MNRE. Entities having license to market the developed product in India shall manufacture the product domestically.
- iv) In case, the Start-up is unable to file a patent, MNRE or its nominated institution may file the patent.
- v) The Start-up shall provide a copy of the 'Full Text Document' of the Patent within one month of its publication.
- vi) A portion of the benefits and earnings arising out of the IPR may be retained for plough back to pursue research/research related activities in the Green Hydrogen sector.
- vii) The IP Rights to use the technology may be sold to another institution/industry, for commercialization, on terms and conditions as mutually agreed to between the parties such transactions shall be done through a formal agreement between the joint owners of the IPR and the proposed licensee and intimated to MNRE within a period of 6 weeks from conclusion of the agreement.
- viii) Notwithstanding the above, MNRE reserves the right to take over ownership of the rights of the Intellectual property arising out of the projects under the Scheme, in the national interest, without any compensation to the Start-up.

**Signature of the Applicant /Lead Promoter**

**Name and Designation Seal of  
the Organization**