

Call for Proposals (CfP) for Selection of an Executing Agency(ies) for Preparation of Detailed Project Reports (DPRs) for Green Hydrogen Hubs in India under Component-B1 of the National Green Hydrogen Mission

CfP No.: SECI/C&P/EOI/17/0002/25-26 Dated 17.09.2025

Tender Search Code on ISN-ETS: SECI-2025-TN000021

Solar Energy Corporation of India Limited (A Government of India Enterprise) 6th Floor, Plate-B, NBCC Office Block Tower-2, East Kidwai Nagar, New Delhi – 110023 Tel: 011 - 24666200, e-mail: contracts@seci.co.in

BID INFORMATION SHEET

The brief details of the CfP are as under:

(A)	NAME OF WORK/ BRIEF SCOPE OF WORK/ JOB	Selection of Executing Agency(ies) for Preparation of Detailed Project Reports (DPRs) under Component-B1 of NGHM for Establishing Green Hydrogen Hubs in India		
(B)	CfP NO. & DATE	SECI/C&P/EOI/17/0002/25-26 dated 17.09.2025		
(C)	TYPE OF BIDDING	SINGLE BID SYSTEM	Yes	
(C)	SYSTEM	TWO BID SYSTEM		
(E-TENDER	Yes	
(D)	TYPE OF TENDER	MANUAL		
(E)	COMPLETION/ CONTRACT PERIOD	As mentioned in CfP Document		
	DOCUMENT FEE/ COST OF CfP DOCUMENT (NON-REFUNDABLE)	APPLICABLE	Yes	
		NOT APPLICABLE		
(F)		Amount: INR 5000/- (Indian Rupees Five Thousand only) + applicable GST, for each applicant, to be submitted		
		through NEFT/ RTGS transfer in the account of SECI		
		along with the response to CfP		
		APPLICABLE	Yes	
(G)	TENDER MANAGEMENT FEE	NOT APPLICABLE		
` ´		Rs. 25,000/- (Indian Rupees Twenty-five Thousand only) + applicable GST, for each applicant, to be submitted		
		through NEFT/RTGS transfer in the account of SECI, along with the response to CfP.		
(H)	EARNEST MONEY DEPOSIT (EMD)	APPLICABLE		
	DEI OSII (ENID)	NOT APPLICABLE	Yes	

Call for Proposals (CfP) for Selection of Executing Agency
for Preparation of Detailed Project Reports (DPRs)

(I)	PERFORMANCE	APPLICABLE		
(1)	BANK GUARANTEE	NOT APPLICABLE Yes		
(J)	DATE, TIME & VENUE OF PRE-BID MEETING	Scheduled as per NIT on ISN-ETS portal and/or SECI website.		
(K)	OFFLINE & ONLINE PROPOSAL-SUBMISSION DEADLINE	As per NIT on ISN-ETS portal		
(L)	PROPOSAL OPENING	As per NIT on ISN-ETS portal		
		M/s Electronic Tender.com (India) Pvt. Ltd.		
(M) CONTACT DETAILS OF ISN-ETS PORTAL		Gurugram Contact Person: ISN-ETS Support Team Customer Support: +91-124-4229071,4229072 (From 10:00 Hrs. to 18:00 Hrs. on all working Days i.e. Monday to Friday except Govt. Holidays) Email: support@isn-ets.com		
	NAME,	Sh. Atulya Kumar Naik		
	DESIGNATION, ADDRESS AND	Executive Director (Contracts & Procurement) Solar Energy Corporation of India Limited		
(N)	OTHER DETAILS	6 th Floor, Plate-B, NBCC Office Block Tower-2, East		
	(FOR SUBMISSION			
	OF RESPONSE TO	Contact No.: 011 24666200		
	CfP)	Email: <u>contracts@seci.co.in</u>		
		1) Sh. Pratik Prasun		
	DETAILS OF PERSONS TO BE	DGM (C&P) Contact No.: 011-24666237		
(0)	CONTACTED IN			
(O)	CASE OF ANY	* *		
	ASSISTANCE	Sr. Manager (C&P)		
	REQUIRED	Contact No.: 011-24666270		
		<u>biblesh@seci.co.in</u>		

- Proposals must be submitted strictly in accordance with Section-2 and 3 of the CfP, depending upon Type of Tender as mentioned at Clause no. (D) of Bid Information Sheet.
- Applicants are required to quote strictly as per terms and conditions of the CfP documents and not to stipulate any deviations/ exceptions.
- Any applicant, who meets the Qualifying Requirement and wishes to submit their proposal against this CfP, may download the complete CfP document along with its

- amendment(s) and clarifications if any, from ISN-ETS Portal (https://www.bharat-electronictender.com) and/or SECI website (www.seci.co.in) and submit their Proposal complete in all respect as per terms & conditions of CfP Document on or before the due date of Proposal submission.
- Clarification(s)/ Corrigendum(s), if any, shall also be available on the above referred websites.

Applicants are requested to remain updated for any notices/ amendments/ clarifications etc. to the CfP document through the websites https://www.bharat-electronictender.com and www.seci.co.in. No separate notifications will be issued for such notices/ amendments/ clarifications etc. in the print media or individually. Intimation regarding notification on the above shall be updated on www.seci.co.in and the details will be available only from https://www.bharat-electronictender.com.

SECTION 1. <u>INTRODUCTION AND INVITATION FOR PROPOSALS</u>

1. **Background and Introduction**

- 1.1. Solar Energy Corporation of India Limited (hereinafter referred as "SECI" or as "Owner") is a "Navratna" CPSU under the administrative control of the Ministry of New and Renewable Energy (MNRE), Government of India (GoI), to facilitate the implementation of the National Solar Mission (NSM) and achievement of targets set therein. It is the only CPSU solely dedicated to the renewable energy (RE) sector. In the present outlook of the RE sector, especially solar energy, SECI has a major role to play in the sector's development. The Company is responsible for implementation of a number of schemes of GoI for large-scale grid-connected projects under NSM, solar park scheme and grid-connected solar rooftop scheme along with a host of other specialised schemes. In addition, SECI is also developing its own Solar, Floating & Hybrid innovative RE Projects & is providing consultancy services to various major CPSUs for developing turnkey basis RE Projects. The company also has Category I Power Trading License and is active in this domain through trading of RE power from projects set up under the schemes being implemented by it.
- 1.2. The National Green Hydrogen Mission was launched on 4th 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 (GH2) and its derivatives.
- 1.3. 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.
- 1.4. Along with other initiatives, the Mission envisages to develop large scale Hydrogen Hubs which will act as a foundation for development of Hydrogen eco-system and will act as backbone of the decarbonisation efforts in the country.
- 1.5. Given the technical and logistical challenges inherent in transporting hydrogen over long distances, a cluster-based production and utilization model would enhance the viability of Green Hydrogen projects in the initial years. This would, in turn, enable economies of scale and convergence of key infrastructure requirements in geographically proximate areas.
- 1.6. In line with the above, MNRE has issued "Revised Scheme Guidelines for setting up Hydrogen Valley Innovation Cluster (HVIC) and Green Hydrogen Hubs in India under the National Green Hydrogen Mission" vide F No. 353/12/2025-NT dated 27.06.2025. SECI has been nominated as the Implementing Agency for Component-B1 of the above referred Scheme.

- 1.7. Under Component-B1 of referred guidelines under the National Green Hydrogen Mission, the MNRE intends to support States/UTs in preparing Detailed Project Reports (DPRs) for the development of Green Hydrogen Hubs. If any State Government/Central Govt. has any proposal for preparation of a DPR by a PSU or Autonomous Body under Component-B1, the Proposal. It may kindly be submitted to SECI under this CfP. Alternatively, If a proposal is received from a project proponent, it should have the endorsement of the concerned state government
- 1.8. This document has been prepared in line with the above Guidelines, including subsequent amendments and clarifications issued thereof, until the last date of proposal submission.
- 1.9. As part of the above scheme, SECI hereby invites proposals from the prospective Applicants to become the Executing Agency (EA) for Preparation of Detailed Project Reports (DPRs) for Green Hydrogen Hubs under Component-B1 of the National Green Hydrogen Mission. The selection of Executing Agencies (EA) shall be done in a transparent manner as per the criteria laid down in the Guidelines and this document. In case of any discrepancies, provisions mentioned in the scheme Guidelines shall prevail.
- 1.10. The salient features of this scheme are as follows:
 - i. Hydrogen hub is an identified geographical region where there exists a network of Hydrogen producers, end use (domestic or export) with sufficient supporting infrastructure of Hydrogen storage, processing and transportation.
 - ii. Hydrogen hub might be located in land or near ports to enable exports of Green Hydrogen (GH₂) and its derivatives. Potential locations for such hubs would be regions having cluster of refineries/fertilizer production plants and other end use industries in close vicinity.
 - iii. The Hydrogen hub should have a planned/announced capacity of at least 1, 00,000 Metric Tonnes per annum. Higher production capacity will get priority.
 - iv. Leveraging existing infrastructure for Hydrogen production, transportation, storage and utilization will be encouraged.

2. Objective of the CfP

- 2.1. SECI hereby invites proposals from the prospective applicants to become the EA, preferably having proven track record / prior experience in preparation of DPRs for renewable energy, hydrogen, or industrial projects and clear understanding of how to develop a successful hydrogen hub.
- 2.2. The objective of this CfP is to engage a competent Executing Agency to support the formulation of comprehensive DPRs covering technical, commercial, financial, environmental, and regulatory aspects required for the establishment of Green Hydrogen Hubs across selected locations in India.
- 2.3. The selected agency shall be responsible for preparing a DPR as Scope of work mentioned in clause 4 under section 2:

- 2.4. Under Component-B1 of the National Green Hydrogen Mission, the Ministry of New and Renewable Energy (MNRE) intends to support States/UTs in preparing Detailed Project Reports (DPRs) for the development of Green Hydrogen Hubs. The objective is to identify potential clusters and infrastructure needs for demand creation and supply linkages of green hydrogen and its derivatives, including integration with renewable energy sources.
- 2.5. Preparation of DPRs for Green Hydrogen Hubs proposed to be set up in each state shall be supported with a cap of Rs. 3 Crore per DPR per state.

3. <u>Invitation for Proposals</u>

- 3.1. A Single Stage, Single Envelope Bidding Procedure will be adopted and will proceed as detailed in this CfP Document. Bidding will be conducted through the competitive bidding procedures as per the provisions of this CfP. The respective rights of SECI and the Applicants shall be governed by the CfP Documents.
- 3.2. SECI has issued this document in the capacity of Implementing Agency as mentioned in the Guidelines. As per the Guidelines, a Steering Committee under the chairmanship of Secretary MNRE and comprising members viz., Mission Director-NGHM and any other members as nominated, shall be responsible for overall monitoring and implementation of the scheme and shall suggest modification and course corrections for its successful implementation. 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.
- 3.3. Interested applicants have to necessarily register themselves on the portal https://www.bharat-electronictender.com ("ETS portal") through M/s Electronic Tender.com (India) Pvt. Limited to participate in the bidding under this CfP. It shall be the sole responsibility of the interested applicants to get themselves registered at the aforesaid portal for which they are required to contact M/s Electronic Tender.com (India) Pvt. Limited, Gurugram to complete the registration formalities. Contact details of ISN-ETS is mentioned on the Proposal Information Sheet. All required documents and formalities for registering on ISN-ETS are mentioned in the subsequent CfP documents.
- 3.4. They may obtain further information regarding this IFB from the registered office of SECI at the address given on the Proposal Information Sheet from 10:00 hours to 17:00 hours on all working days.
- 3.5. For proper uploading of the Proposals on the ETS portal, it shall be the sole responsibility of the applicants to apprise themselves adequately regarding all the relevant procedures and provisions as detailed in the portal as well as by contacting M/s Electronic Tender.com (India) Pvt. Limited (ETI) directly, as and when required, for which contact details are also mentioned on the Proposal Information Sheet. SECI in no case shall be

- responsible for any issues related to timely or properly uploading/ submission of the bid in accordance with the relevant provisions of the Bidding Documents.
- 3.6. Applicants should submit their proposal complete in all aspect on or before last date and time of Proposal Submission as mentioned on ISN-ETS Portal (https://www.bharat-electronictender.com), SECI website http://www.seci.co.in and as indicated in the Proposal Information Sheet.
- 3.7. Applicants shall submit their proposal along with non-refundable CfP Document Fee and Tender Management Fee, complete in all respect, as per the Bid Information Sheet. Proposals received without the prescribed CfP Document Fee and Tender Management Fee will be rejected, with certain exceptions as provided in the CfP. In the event of any date indicated being declared a holiday, the next working day shall become operative for the respective purpose mentioned in this CfP document.
- 3.8. CfP documents can be downloaded from the ISN-ETS Portal or from SECI's website. It is mandatory to download official copy of the CfP Document from Electronic Tender System (ISN-ETS) Portal to participate in the CfP. amendment(s)/corrigendum(s)/clarification(s) with respect to this CfP shall be uploaded **ISN-ETS** website. The Applicant should regularly check Amendment(s)/Corrigendum(s)/Clarification(s) on the above mentioned ISN-ETS website. The same may also be uploaded on SECI website also. However, in case of any discrepancy, the information available on ISN-ETS website shall prevail.
- 3.9. SECI 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.

3.10. Interpretations

- i. Words comprising the singular shall include the plural & vice versa.
- ii. An applicable law shall be construed as reference to such applicable law including its amendments or re-enactments from time to time.
- iii. A time of day shall save as otherwise provided in any agreement or document be construed as a reference to Indian Standard Time.
- iv. Different parts of this contract are to be taken as mutually explanatory and supplementary to each other and if there is any differentiation between or among the parts of this contract, they shall be interpreted in a harmonious manner so as to give effect to each part.

SECTION 2. SPECIAL CONDITIONS OF CONTRACT

4. Scope of Work

The broad scope of work for preparation of Detailed Project Report (DPR) specified here under outlines the works / services generally expected from the EA. The prospective bidder is required to perform the mentioned functions and activities as set out expressly in these documents and any other activities which may be essential and incidental thereto for meeting the intent of specification of scheme. Accordingly, all the items/services which are required for setting up of Hydrogen Hubs are deemed to be included while preparing the DPR whether specifically mentioned or not. As per the DPR, the Green Hydrogen Hub Developer (GHHD) shall render necessary, comprehensive and effective services in all respect for smooth and timely development of a Hydrogen Hubs, which is included but not limited to the following scope of work under the component B1

4.1. Assessment and Identification:

- i. Identify and assess potential Green Hydrogen hub locations.
- ii. Evaluate industrial clusters and existing infrastructure for green hydrogen and its derivative's production, storage, and utilization. Storage and transportation facilities for Green Hydrogen/its derivatives.
- iii. Identifying suitable locations based on techno-commercial viability, demand centers, and infrastructure readiness.

4.2. Data Collection & Situation Analysis:

- i. Gather baseline data including renewable energy potential, water availability, existing industrial load, pipeline infrastructure and logistics infrastructure.
- ii. Analyse the techno-commercial feasibility of developing a hub in the proposed area
- iii. A financial analysis of the proposed Hydrogen Hub, including the expected costs and revenues, and an Assessment of the project's and hub's profitability.

4.3. Stakeholder Consultation

- i. Engage with State Nodal Agencies, Industries, Power Utilities (Discoms), relevant ministries and R&D institutions.
- ii. Facilitate workshops and discussions to align stakeholder interests.

4.4. Detailed Project Report (DPR) Preparation

The Executing Agency shall submit its proposal, covering its planned activities to provide the facilities/services envisaged as above. The scope of work as indicated by the EA in the DPR, 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". The DPRs must include but not limited to following details:

- i. Potential demand and supply centres for Green Hydrogen and its derivatives.
- ii. Feasibility of co-located renewable energy capacity.
- iii. Development or up gradation of existing pipeline infrastructure

- iv. Availability of land, Water treatment facility including desalination plant, Effluent treatment plants and other utilities along with redevelopment plan of such requirements, as required.
- v. Grid connectivity existing as well as proposed and energy storage options to manage Renewable Energy's intermittency.
- vi. Green Hydrogen powered vehicle re-fuelling facility
- vii. Proposed project structure and financial models.
- viii. Hydrogen compression and/or liquefaction technologies, as required
- ix. Hydrogen storage systems, including bulk liquid, gaseous, materials-based technologies or subsurface options (e.g., salt caverns, depleted oils and gas fields, unused coal mines etc.)
- x. Development of bunkering facilities in case of ports including provisions of bunker barges for handling large vessels such as Very Large Crude Carriers (VLCC)
- xi. Infrastructure up gradation for shipping including expansion of port/jetty infrastructure for exports, if required.
- xii. Preparation of detailed layout plans, CAPEX/OPEX estimation, implementation phasing, and risk assessment.
- xiii. Identification of public and private stakeholders.
- xiv. Regulatory and clearance requirements.
- xv. Phase-wise implementation roadmap
- xvi. Environmental and social impact.
- xvii. Risk mitigation and legal considerations.

4.5. Roadmap & Implementation Plan

- i. Provide an actionable roadmap with timelines, milestones, and responsibilities for setting up the Hydrogen Hub.
- ii. Provide technical support for any queries or appraisals required during project sanction.

4.6. Compliance:

- i. Ensure alignment of DPRs with the objectives and implementation framework for development of Green Hydrogen Hubs under Component-B1 of the NGHM.
- ii. Regulatory feasibility and integration into state energy policies.
- iii. A review of the relevant laws, regulations, and permits required for the construction and operation of the Hydrogen Hubs.

4.7. Risk Analysis:

An evaluation of the potential risks associated with the Project and Hydrogen Hub, including technical, financial, environmental, and social risks.

4.8. **Social impact analysis:** An assessment of the social impact of the project, including its effect on the local community, employment opportunities, and social welfare.

4.9. **Skill Development**

- I. To ensure a robust and capable workforce in Green Hydrogen ecosystem, it is crucial to focus on skilling and capacity building activities in alignment with the evolving requirement of the industry. In this reference, Guidelines for Scheme on skilling, up-skilling and re-skilling under the National Green Hydrogen Mission were notified on 16th March 2024. The concerned guidelines have a focus on several key actions to build a sustainable and knowledgeable Green Hydrogen workforce. National Skill Development Corporation (NSDC) has been notified as the Scheme Implementing Agency (SIA) under the guidelines on 7th June 2024. The scheme will be implemented through the Skill India Digital hub developed by the Ministry of Skill Development and Entrepreneurship (MSDE).
- II. In order to promote the skilling and capacity building necessary for the efficient installation, operation and management of Green Hydrogen and Green Ammonia plants established with the support and various incentives including under SIGHT scheme in India, the concerned industry may routinely undertake comprehensive skilling programs in coordination with the Ministry of Skill Development and Entrepreneurship (MSDE), and otherwise. These programs may encompass both theoretical and practical trainings across the Green Hydrogen value chain including in Green Hydrogen production installation & operation, integration of renewable energy, Electrolyser manufacturing, storage, transportation, safety, utilization of Green Hydrogen and its derivatives, etc.
- III. In this reference, it is pertinent that the successful bidders may engage actively in implementation of suitable skilling and capacity building activities across their concerned production and other facilities, in coordination with MSDE and otherwise. Suitable focus may be provided on provision of required practical trainings and on the Job Training (OJT) along with undertaking various internships/apprenticeship activities, as applicable.

4.10. Additional Services:

At the specific request of the PAC, the EA shall provide such additional services not listed in the specifications in relation to the CfP work activities but felt necessary by the PAC to be included in the DPR for development of a Green Hydrogen Hub. Reports & Presentations of each Hub Location shall be submitted in editable MS OFFICE formats for review (with the list of changes in each version). Final PAC approved reports shall be submitted 3 nos. of colour printed hard copies and one non-editable soft copies in static drive.

5. Central Financial Assistance

An amount of Rs. 28 crores have been allocated for the preparation of Detailed Project Reports (DPRs) for Green Hydrogen Hubs under Component B1, with a cap of Rs. 3 crores per DPR per state. Funds shall be disbursed to EA in following manner for preparation of DPRs for Green Hydrogen Hubs under Component B1;

Sl. No.	Stages of Disbursement	Percentage of CFA to be released
1	Date of issue of administrative approval/sanction	30%
	Submission and acceptance draft DPR by the	40%
2	PAC/ (as per their comments, as applicable)	
	upon acceptance of final DPR by the State Govt.	30%
3	or its designated agency	
	Total	100%

6. <u>Maximum Eligibility for Central Financial Assistance to an Applicant</u>

Following conditions shall be applicable to the applicants for submission of proposal against this CfP:

- 6.1. An Applicant, including its Parent, Affiliate or Ultimate Parent or any Group Company shall submit a single Proposal undertaking to prepare a Detailed Project Report for setting up of Green Hydrogen Hubs to be setup in each state, by submitting its proposal for maximum 1 DPR.
- 6.2. The maximum CFA that will be allocated to an Applicant including its Parent, Affiliate or Ultimate Parent or any Group Company shall be limited to **Rs 3 Crore Per DPR**. **Applicants shall be required to quote the CFA as per Price Schedule provided along with the CfP**. Maximum CFA that can be quoted in price schedule is Rs 3 Crore.
- 6.3. If the cost of DPR is more than the cap provided under the guidelines (i.e., Rs 3 crore per DPR per state), then the additional cost of DPR may be met by the developer or the concerned State Government.
- 6.4. The evaluation of proposal shall be carried out as described in Section-5 of the CfP.
- 6.5. Multiple proposals from same company including its Parent/ Ultimate Parent/Affiliates/Group Companies shall make all the proposals submitted by the group invalid. In case of Joint Venture Company/ Consortium, a partner/ company will be allowed to tie up with another partner/company for one proposal only.

7. Timelines for Submission of DPRs

The Executing Agency will be required to execute works as per the approved Scope of Work given under the Letter of Award/Notification of Award. The EA shall submit the Final DPR, in all aspects as per following tables

Sl.	Services	Nomenclature	Timeline
No.			
1	Issuance of LoA/NoA	D0	Date of LoA/NoA
2	Submission of draft DPR to Project Appraisal Committee at MNRE	D1	D0+ 12 Weeks
3	Presentation on draft DPR submitted to Project Appraisal Committee at MNRE	D2	D1+1 Week
4	Submission of Final DPR to Project Appraisal Committee at MNRE	D3	Observations offered by PAC on Draft DPR + 1 Week
5	Presentation on final DPR to PAC MNRE	D4	D3+1 Week
6	Submission of Final Detailed Project Development Report based on observations during presentation	D5	D4+1 Week

8. **Penalty for Delay**

- 8.1. Any delay that may take place in Submission of DPR beyond contractual cut-off date/stipulated period in the order shall be subjected to penalty (not liquidated damages) at the rate of ½ % of the sanctioned CFA per week or part thereof subject to a maximum of 5 % of the total CFA value.
 - Due consideration will be given in the levy of penalty for reasons absolutely beyond control of EA for which necessary evidences has to be produced by the EA to the satisfaction of the Steering Committee/PAC of MNRE.
- 8.2. SECI reserves the right to forfeit Bid security/ Security Deposit (If applicable) or deduct payment from allocated CFA or applicable penality from the EA if during tendering or during DPR Submission stage it is found that Bidder/EA has violated any terms and condition as stipulated in this CfP, the grants released under this CfP shall be exclusively earmarked for the preparation of DPR and should not be diverted for any other purpose.
- 8.3. The Executing Agency shall abide by the timeline specified in clause 7 above. Any extension beyond stipulated timelines will be granted for submission of DPR on the basis of adequate justification, with the approval of Steering committee of MNRE, without any penalty.
- 8.4. MNRE/SECI reserves the right to retract sanction/cancel/short close the Projects in consultation with the Steering Committee/PAC in cases where the Executing Agency faces unreasonable delays or fails to comply with the objectives/provisions of this scheme or the Mission.

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9. **Funding and disbursement**

- 9.1. The Preparation of DPRs for Green Hydrogen Hubs proposed to be set up in each state shall be supported with a cap of **Rs. 3 Crore per DPR per state**.
- 9.2. CFA/Funds shall be disbursed in following manner for preparation of DPRs for Green Hydrogen Hubs under Component B1;

Sl. No.	Stages of Disbursement	Percentage of CFA to be released
1	Date of issue of administrative approval/sanction	30%
	Submission and acceptance draft DPR by the	40%
2	PAC/ (as per their comments, as applicable)	
	upon acceptance of final DPR by the State Govt.	30%
3	or its designated agency	
	Total	100%

SECTION 3. STANDARD CONDITIONS OF CONTRACT

10. **Obtaining CfP Documents**

Interested Applicants have to download the official copy of CfP & other documents after login into the ISN-ETS portal by using the Login ID & Password provided by ISN-ETS during registration (Refer Annexure - B). The Applicants shall be eligible to submit/upload the Proposal document only after logging into the ISN-ETS portal and downloading the official copy of CfP.

11. Cost of Documents and Tender Management fees

Prospective Applicants are required to submit their proposals in response to this CfP document along with a non-refundable cost of CfP document and Tender Management Fees as mentioned in the Bid Information Sheet. An Applicant will be eligible to participate in the selection process only on submission of all the applicable financial amounts as per the Proposal Information Sheet. Payments against Cost of CfP document and Tender Management Fee shall be done only through NEFT/RTGS (electronic transfer), and the Applicants shall submit the transaction receipt, as part of the online proposal submission.

The bank details of SECI are available at SECI's website, www.seci.co.in, under the "Financials" tab. Upon making the necessary payments, the prospective Bidders shall immediately write to SECI (mailing to finance@seci.co.in), providing the payment details along with name and registered address of the Bidder (with GSTIN of the paying entity), to enable seamless issuance of payment invoices for taxation purpose. SECI will not be liable for any delay in issuing necessary invoices in this regard.

Proposals submitted without Cost of CfP document and/or Tender Management Fee (including partial submission of any one of the respective amounts), may be liable for rejection by SECI.

MSEs (Micro and Small Enterprises) having valid UDYAM registration on the last date of submission of proposals only are exempted from submission of Cost of CfP Document, and Tender Management Fees. For a Consortium to be eligible for exemption from submission of Cost of CfP Document, and Tender Management Fees, all the members of the Consortium shall be registered as MSE.

12. Instructions to Applicants for Structuring of Proposals in Response to CfP

The Applicant, including its Parent, Affiliate or Ultimate Parent or any Group Company shall submit single response to CfP. Submission of proposals by Applicants in response to CfP shall be done in the manner described below:

- a. Checklist for Proposal Submission as per Annexure-A
- b. Covering Letter as per **Format 7.1**.

- Member issued by the other Members of the Consortium/Joint Venture shall be provided in original as per format attached hereto as **Format 7.2**. In the event any Member of the Bidding Consortium (other than Lead Member) is a foreign entity, it may submit Board Resolutions in place of Power of Attorney for the purpose of fulfilling the requirements under this clause. Provided that such Board Resolutions shall be supported by an unqualified opinion issued by the legal counsel of such foreign entity stating that the Board Resolutions are in compliance with the applicable laws of the respective jurisdictions of the issuing Company and the authorizations granted therein are true and valid.
- d. Board Resolutions, as per prescribed formats enclosed as per **Format 7.3** duly certified by the Company Secretary or the Director of the relevant applicant, as applicable to the applicant and mentioned hereunder:
 - i. Board Resolution from the Applicant Company or the Lead Member of the Consortium/JV, as the case may be, in favour of the person signing the response to CfP and in the event of selection of the Project. Board Resolution from each of the Consortium/JV Members in favour of the person signing Consortium/JV Agreement.
- e. In case of a Consortium/JV, the Consortium/JV Agreement between the Members in the Consortium/JV as per **Format 7.4**, along with Board resolution from each Member of the Consortium/JV for participating in Consortium/JV.
- f. Undertaking as per **Format 7.5**.
- g. A disclosure statement as per **Format 7.6** regarding participation of any related companies in the selection process.
- h. Attachments
 - Memorandum of Association, Article of Association needs to be attached along with the Proposal. The bidder should also highlight the relevant provision which highlights the objects relating to Special Economic Zone (SEZ)/Industrial Hub/Power/Energy/Renewable Energy/ Green Hydrogen/Hydrogen project/park/hub consultancy or development.
 - ii. Certificate of Incorporation of Applicant Company/ all member companies of Consortium/JV.
 - iii. A certificate of shareholding 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. SECI reserves the right to seek additional information relating to shareholding in promoter companies, their Parents/ Ultimate Parents/ Affiliates 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.
 - iv. Certified copies of annual audited accounts for the last 3 financial years, i.e. FY 2025-24,2024-23, 2023-22, along with certified copies of Balance Sheet, Profit & Loss Account, Schedules and Cash Flow Statement supported with bank

- statements shall be required to be submitted.
- v. Details of all types of securities/instruments which are pending conversion into equity whether optionally or mandatorily.
- i. Any other documents required for evaluation of proposals as per Section 5.

13. <u>Important Notes and Instructions to Applicants</u>

- 13.1. Wherever information has been sought in specified formats, the Applicants shall fill in the details as per the prescribed formats and shall refrain from any deviations and referring to any other document for providing any information required in the prescribed format.
- 13.2. The Applicants shall be shortlisted based on the declarations made by them in relevant schedules of CfP. The documents submitted online may be verified before the Administrative Approval in terms of Section 5 of the CfP and at any point of time during the Project implementation period.
- 13.3. If the Applicant/Member in a Applicant Consortium/JV conceals any material information or makes a wrong statement or misrepresents facts or makes a misleading statement in its response to CfP, in any manner whatsoever, SECI reserves the right to reject such response to CfP and/or cancel the Letter of Award. Applicant shall be solely responsible for disqualification based on their declaration in the submission of response to CfP.
- 13.4. Response submitted by the Applicant shall become the property of the SECI and SECI shall have no obligation to return the same to the Applicant.
 Also, the confidential information/data pertaining to the Green Hydrogen Hub, including but not limited to execution plan, will not be shared by SECI to any third party without prior consent of the Applicant, unless sought by the Government or required to be given under law.
- 13.5. All documents of the response to CfP (including CfP and subsequent Amendments/ Clarifications/ Addenda) submitted online must be digitally signed by the person authorized by the Board as per Format 7.3.
- 13.6. The response to CfP shall be submitted as mentioned in Clause 14 of the CfP. No change or supplemental information to a response to CfP will be accepted after the scheduled date and time of submission of response to CfP. However, SECI reserves the right to seek additional information from the Applicants, if found necessary, during the course of evaluation of the response to CfP.
- 13.7. The Applicant shall make sure that the correct, valid and operative Pass-Phrase to decrypt the relevant proposal is submitted into the 'Time Locked Electronic Key Box (EKB)' before the commencement of the Online Tender Opening Event (TOE).

- 13.8. All the information should be submitted in English language only. In case of foreign Applicants having documents in other than English language, then the documents shall be translated in English language by certified translator and submitted.
- 13.9. Applicants shall mention the name of the contact person and complete address and contact details of the Applicant in the covering letter.
- 13.10. Response to CfP that are incomplete, which do not substantially meet the requirements prescribed in this CfP, will be liable for rejection by SECI.
- 13.11. Response to CfP not submitted in the specified formats will be liable for rejection by SECI.
- 13.12. Applicants delaying in submission of additional information or clarifications sought will be liable for rejection.
- 13.13. 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 SECI of the obligation of the Applicant to furnish the said data/ information unless the waiver is in writing.
- 13.14. Only New Delhi Courts shall have exclusive jurisdiction in all matters pertaining to this CfP.
- 13.15. All the financial transactions to be made with SECI including any additional charges (if required), shall attract 18% GST on each transaction, irrespective of the same being mentioned in the CfP.

14. Non-Responsive Proposal

The electronic response to CfP submitted by the Applicant along with the documents submitted **online** to SECI shall be scrutinized to establish "Responsiveness of the Proposal". Each Applicant's response to CfP shall be checked for compliance with the submission requirements set forth in this CfP.

Any of the following conditions shall cause the Proposal to be "Non-responsive":

- (a) Non-submission of the requisite Cost of CfP and/ or Tender Management Fee as mentioned in the Proposal Information Sheet.
- (b) Response to CfP not received by the due date and time of Proposal submission.
- (c) Non-submission of correct, valid and operative Pass-Phrases for Envelop before the commencement of the Online Tender Opening Event (TOE).
- (d) In case it is found that the Applicant Company including Ultimate Parent Company/ Parent Company/Affiliate/Group Companies have submitted more than one response to this CfP, then all these proposals submitted shall be treated as non-responsive and rejected.

In any of the above cases, the Proposal shall not be considered for opening and evaluation

process.

15. Method of Submission of Response to CfP by the Applicant

15.1. Documents to be Submitted Online

No document is required to be submitted offline, except of Bid Processing Fee, EMD (if applicable) and Pass Phrase. Detailed instructions to be followed by the Applicants for online submission of response to CfP are stated as **Annexure-B**. The Applicants shall strictly follow the instructions mentioned in the electronic form in Envelope while filling the form.

All documents of the response to CfP submitted online must be digitally signed and uploaded on the website, *https://www.bharat-electronictender.com* which should contain the following:

i. Techno-commercial Proposal

The Applicant shall upload the single proposal containing scanned copies of the following documents duly signed and stamped on each page or digitally signed by the authorized signatory as mentioned below.

- i. Annexure-A
- ii. Formats 7.1, 7.2 (if applicable), 7.3, 7.4 (if applicable), 7.5 and 7.6 as elaborated in Clause 14 of the CfP.
- iii. All attachments elaborated in Clause 14 of the CfP, under the sub-clause i: Attachments, with proper file names.
- iv. All supporting documents regarding meeting the eligibility criteria and scoring during the evaluation of proposal
- v. Scanned Copies of NEFT/RTGS details towards Cost of CfP document and Tender Management Fee as mentioned in Proposal Information Sheet.

The applicant will have to fill the Electronic Form provided at the ISN-ETS portal as part of Envelope.

<u>Submission of Pass-phrase:</u> The Applicant shall be required to submit the Pass-Phrase to decrypt the proposal into the 'Time Locked Electronic Key Box (EKB)' before the commencement of the Tender Opening Event (TOE).

Important Note:

- The Applicants shall not deviate from the naming and the numbering formats of envelop mentioned above, in any manner.
- In case an Applicant has paid cost of CfP document and Tender Management Fee for this CfP and chooses not to participate in the selection process (i.e. the Applicant does not submit any Proposal to SECI), the respective amounts paid to SECI will be refunded without any interest payment, to the respective Applicant.

16. Not Used

17. Validity of the Proposals

The Applicant shall submit the proposal which shall remain valid up to the date as on 12 months from the last date of submission of response to this CfP ("Proposal Validity"). SECI reserves the right to reject any response to this CfP which does not meet the aforementioned validity requirement.

18. **Proposal Preparation Cost**

The Applicant shall be responsible for all the costs associated with the preparation of the response to CfP and participation in discussions and attending pre-bid meeting(s) etc. SECI shall not be responsible in any way for such costs, regardless of the conduct or outcome of the selection process.

19. Clarifications/ Pre-Bid Meeting/ Enquiries/ Amendments

Clarifications/ doubts, if any, on CfP document may be emailed and/ or submitted through ISN-ETS portal. The format for submission of clarifications is available on the portal. A Pre-Bid Meeting shall be held as mentioned in the Bid Information Sheet (Venue to be notified later on SECI's website). SECI will make efforts to respond to the same in the Pre-Bid Meeting. A compiled list of such questionnaire and SECI's response will be uploaded in the ISN-ETS portal. If necessary, amendments, clarifications, elaborations shall be issued by SECI which will be notified on the same portal and SECI's website. No separate reply/ intimation will be given for the above, elsewhere. In the event of the issuance of any revision or amendment of the CfP documents, the Applicant shall be provided a period of at least 7 days there from, for submission of proposal.

20. Right of SECI to Reject a Proposal

SECI 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. In the event of the CfP being cancelled prior to opening of proposals, the Tender Management Fee (excluding GST, if amount credited to SECI's account), without any interests, submitted by the Applicants shall be returned to the respective Applicants. In the event of opening of proposals, Tender Management Fee will not be refunded, irrespective of the outcome of this selection process.

21. Post Award Compliances

Timely completion of all the milestones will be the sole responsibility of the EA. SECI/MNRE shall not be liable for issuing any intimations/ reminders to Applicants for timely completion of milestones and/ or submission of compliance documents.

Any checklist shared with Applicant by SECI 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.

22. Points of Contact in SECI

Following officers/departments are to be contacted by the Applicants/EAs based on the stage of bidding and project implementation under this CfP:

- i) Proposal submission up to issuance of LoA: Details as per Bid Information Sheet
- ii) Subsequent to issuance of LoA: -

Sh. Piyush Verma	Phone (Off): 011-24666292
Dy. Manager	Email: <u>pverma.09@seci.co.in</u>
Sh. Abhishek Kumar Ambasta	Phone (Off): 011-24666252
DGM	Email: akambasta@seci.co.in

SECTION 4. QUALIFICATION REQUIRMENTS FOR APPLICANTS

Short listing of Bidders will be based on the following Criteria:

23. **Prospective Applicants:**

- 23.1. The following agencies are eligible for submitting their project proposals under this scheme:
 - i. Central Public Sector Undertakings (CPSUs)
 - ii. State-PSUs
 - iii. Private Sector Companies
 - iv. State-Owned Corporations/Organizations
 - v. Autonomous Bodies
 - vi. JV/Consortiums of above stated agencies
- 23.2. Bidding Consortium with one of the Companies as the Lead Member.
- 23.3. Individual persons, Proprietorships, Partnerships, Trusts, NGOs, and Limited Liability Partnership (LLPs) are not eligible for participation on an individual basis or as a part of a Consortium.
- 23.4. The necessary capabilities need to exist with the EAs for taking forward the project towards completion and commercialization.
- 23.5. If any State Government has any proposal for preparation of a DPR by a PSU or Autonomous Body under Component-B1, the Proposal. It may kindly be submitted to SECI under this CfP.
- 23.6. If a proposal is received from a project proponent (CPSUs/PSUs/Private Sector Companies/Govt. Owned Corporations/Autonomous Bodies), it should have the endorsement of the concerned state Govt.
- 23.7. If more than two DPR proposals are submitted for a state, then the state government or its designated authority may club those proposals or prioritize them. In the absence of a clear-cut recommendation from the state government regarding prioritizing or clubbing the proposals, only the proposal/Application scoring the highest marks post technocommercial evaluation will be considered for award.

SECTION 5. PROPOSAL EVALUATION AND AWARD

24. **Project Proposal Evaluation:**

- i. Proposal evaluation will be carried out considering the information furnished by Applicants as per provisions of this CfP. The detailed evaluation procedure and selection of Applicants are described in subsequent clauses in this Section. The purpose of this section is only to provide the applicants an idea of the evaluation process that the SECI and PAC may adopt. However, SECI/PAC reserves the right to modify the evaluation process at any time during the Tender process, without assigning any reason, whatsoever but with prior intimation to Bidders for such changes.
- ii. A two-stage procedure shall be adopted for evaluation of proposals i.e. Technocommercial evaluation followed by a presentation. Selection of EA/Consultant shall be based on Quality Based Selection (QBS) criteria. This takes into account both the technical capability of the Bidder as well as the availability of Land. The Technical (Quality points Q_p) and Availability of Land will be given 90:10 weightage respectively.

iii. The selection of project proposals will be done based on the following scoring matrix:

S.no.	Criteria	Weightage
1	Evaluation of Proposals on past Techno-	60%
	commercial experience (Qp) at 90% and 10%	
	weightage to Availability of land	
2	Presentation by the Applicant on proposed	40%
	DPR to PAC/Sub-Committee to PAC	
	Total	100%

24.1. Evaluation of proposal:

- i. The Techno-commercial Proposals submitted online of only those Applicants will be opened by SECI whose required documents as mentioned at Clause 12 and Clause 14 of the CfP are received by SECI on or before the bid submission deadline.
- ii. The Applicant will be required to submit the following documents along with project proposal, in addition to the documents listed at Clause 12 and Clause 14 above:
 - Registration Certificate, MOA & AOA
 - ➤ Brief profile of Organization and Organizational chart
 - > CA certificate for Liquidity and Turnover
 - Authorization / Board Resolution (as applicable) for the signatory to the project proposal
- iii. PAC/Sub-Committee (as designated) will review the technical bids to determine whether the technical bids are substantially responsive as per clause 23. Bids that are not substantially responsive are liable to be disqualified.
- iv. PAC/ Sub-Committee (as designated) will assign Points to the technically qualified bidders based on the technical evaluation criterion given in the bid document. Conditional bids are liable to be rejected.

- v. Technical Bids of the bidders shall be scrutinized based on qualifying criteria and evaluated as per QBS. The selection shall be done on 90% weightage of quality points (Q_p) and 10% weightage to availability of land. Marks/rating will be considered for authentic established items only.
- vi. The Q_p (Technical / Quality Points) for the selection/merit criteria for QBS will be evaluated in accordance with the detailed criteria mentioned :

S. No.	Criteria	Maximu m Points (Quality Points- Qp)	Criteria For assigning Points	Po int s	Remarks	
1	General Criteria		10			
	Financial: Average Annual Turnover during previous 3	10	> 100 Crore	6		
	FYs (FY 2024-25, 2023-24 & 2022-23)	10	> 500 Crore	8		
			≥ 1000 Crore	10		
2	Technical Criteria		44	1		
2.1	Experience in DEVELOPMENT OF Hydrogen Projects/park/SEZ/hub/HVI C/ Export-Oriented Units (EOUs)/Industrial Hub (number of such Projects/parks/similar facilities	44	No. of Projects	Po int s	Experience for only Commissioned /completed Hydrogen projects or Park/Hubs/HV IC/SEZ/Indust rial Hub	
			5	44	development/ Export- Oriented Units	
			3	34	(EOUs) for	
	#Minimum Project Cost should r than the INR 500 Crores duly ce practitioner CA		1	24	General Criteria will be considered for assigning scores. • Valid documentary proof shall be submitted along with the bid to justify and support	

	claim for
	marks against
	each
	Technical/
	Quality
	Evaluation
	criteria.
	• For validity
	of proof,
	SECI/PAC
	judgment shall
	be final and
	binding to the
	bidder.

Note:

- i. Bidder/Applicant will have Max Eligible Quality Points if evaluated quality points for particular Sr no are greater than Max Eligible Quality Points.
- ii. Each Technical Proposal will receive a technical merit score based on the above-mentioned evaluation criteria.
- vii. **Availability of Land with the Hydrogen Hub developer:** demonstrated land by Bidder will be considered for the Evaluation of Bids and ranking. The weightage on Land availability shall be considered as 10% of 60%. of Marking against availability of land for the selection/merit criteria for QBS will be evaluated in accordance with the detailed criteria mentioned below

Sl.	Criteria (Percentage of acquisition)	Maximum	Points
No.		Points	
1	A confirmation letter from the	6	2
	State/Central Government indicates that		
	land will be allocated for Hydrogen Hub		
	development		
2	A confirmation letter/D.O. Letter from		4
	state govt stating more than 50% land is		
	identified for Hydrogen Hub		
	Development		
3	A confirmation letter/D.O. Letter from		6
	state govt stating more than 50% land is		
	identified, acquired and under possession		
	for Hydrogen Hub Development		

- viii. The interested Applicants are required to submit duly signed documents (as per requirements mentioned above). The Proposals submitted will be evaluated by the Project Appraisal Committee (PAC)/ Sub-Committee (as designated).
- ix. Subject to Clause 12 & 14 of the CfP, SECI/PAC will examine all the documents submitted by the Applicants and ascertain meeting of eligibility conditions prescribed

in the CfP. During the examination of proposals, SECI/PAC may seek clarifications/additional documents to the documents submitted etc. from the Applicants if required to satisfy themselves for meeting the eligibility conditions by the Applicants. Applicants will be required to respond to any clarifications/additional documents sought by SECI/PAC within 07 (seven) days from the date of such intimation from SECI/PAC. All correspondence in this regard shall be made through email/ISN-ETS portal only. It shall be the responsibility of the Applicant to ensure that the email id of the authorized signatory of the Applicant is functional. The Applicant may provide an additional email id of the authorized signatory in the covering letter. No reminders in this case shall be sent. It shall be the sole responsibility of the Applicants to remove all the discrepancies and furnish additional documents as requested. SECI shall not be responsible for rejection of any proposal on account of the above.

24.2. **Presentation:**

The applicant will be required to present the proposal in front of the Evaluation Committee/ Project Appraisal Committee. The Committee will assess the preparedness of the applicant and check and rectify any incongruence/gaps in the proposal. The weightage of Presentation shall be considered as 40%.

Evaluation Committee/Project Appraisal Committee's decision regarding the scores provided and selection of Applicant shall be final and binding on all participating Applicants.

25. Selection of the EA and Issuance of LoAs

- 25.1. The selection of EA shall be done based on the scores received by the Applicant as defined in clause 24 above. In case two or more applicants secured the exact same scores, such tied proposals would be prioritized based on the decision of state govt. The top Applicants for each state, receiving the highest score as a result of the above evaluation, will be eligible for issuance of Letters of Award (LoA)/Notification of Award by SECI upon recommendation of PAC/Sub-committee.
- 25.2. At the end of selection process, for each State, LoAs will be issued to the Successful Applicants after the Administrative Approval by MNRE, for its respective proposal for preparation of DPR for setting up of Hydrogen Hub. In case of a Consortium/JV being selected as the successful Applicant, the NoA shall be issued to the Lead Member of the Consortium/JV.
- 25.3. SECI reserves the right to annul the bid process without any financial implications to any of the parties concerned.
- 25.4. In all cases, SECI's decision regarding selection of Applicant or annulment of tender process shall be final and binding on all participating Applicants.

26. Miscellaneous Provisions

- The following miscellaneous provisions shall be applicable in this Call for Proposal:
- 26.1. **Charges & Cost:** Unless otherwise agreed, all charges and cost shall be borne by the applicants for preparing DPR for development of Green Hydrogen Hubs. Till the issuance of Letter of Award, under no circumstances, SECI/MNRE shall be liable for any cost and charges whatsoever for the activities under taken by the Executing Agencies.
- 26.2. Compliance with Applicable Laws / Regulations / Guidelines and Technical/Regulatory Approvals: Project Developer shall comply with all applicable laws, regulations and guidelines. The EA shall be solely responsible for obtaining the safety, environmental and other approvals as required.
- 26.3. **Testing and Certification**: The Hydrogen Hub Developers shall get necessary testing and certification compliance from the concerned agencies.
- 26.4. **Indemnity**: EA/ Hydrogen Hub Developers shall indemnify, defend and hold SECI 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.
- 26.5. **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:
 - a) to their professional advisors;
 - b) 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
 - c) Disclosures required under Law
- 26.6. 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. In such case, SECI will withdraw the application of such agency immediately and further SECI reserves right to debar such agency from participation in any of SECI's tenders for a further period of two (2) years from the date of such debarment.
- 26.7. **Steering Committee**: Overall monitoring of the scheme and evaluation of projects undertaken will be done by the Steering Committee under the chairmanship of Secretary MNRE and comprising of members viz., Mission Director-NGHM and any other members as nominated. The Steering Committee shall be responsible for overall