SOLAR ENERGY CORPORATION OF INDIA LTD.
NEW DELHI

Ref No. SECI/C&P/EOI/17/0002/24-25/Amendment-01 Date: 08-11-2024

Amendment-01 to Call for Proposals (CfP) for Setting up of Green Hydrogen Hubs in India under National Green Hydrogen Mission			
Ref No. SECI/C&P/EOI/17/0002/24-25 dated 20.08.2024			
Amendments in the CfP document			
S. No.	**Clause No.**	**Existing Clause**	**Amended Clause**
1	26.1.iii	Modified table is enclosed with this Amendment.	
2	26.2	**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…..	**Presentation:** The applicants will be initially scrutinized based on the eligibility criteria as per clause 25 of the CfP. All the applicants meeting the criteria as per clause 25 above shall be invited for making presentations before the Project Appraisal Committee. The applicant will be required to present their 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…..
3	27.1	The selection of EA shall be done based on the scores received by the Applicant as defined in clause 26 above. The top two Applicants, receiving the highest and second highest scores as a result of the above evaluation, will be eligible for issuance of Letters of Award (LoAs).	The selection of EA shall be done based on the scores received by the Applicant as defined in clause 26 above. In case two or more applicants secured the exact same scores, such tied proposals would be prioritized based on who has quoted lesser CFA, if CFA sought are also equal, then such proposals will be prioritized based on who has quoted higher capacity of Green Hydrogen Hub and if capacities of Green Hydrogen Hubs are also equal, then such proposals will be prioritized based on draw of lots. The top two Applicants, receiving the highest and second highest scores as a result of the above evaluation, will be eligible for issuance of Letters of Award (LoAs).

4	28.10	**New Clause** **Skilling** 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.

The modified table in Clause 26.1.iii is brought down as below:

<table>
<tr><th>S. No.</th><th colspan="2">Parameter Description</th><th>Max Marks</th><th>Criteria for scoring</th></tr>
<tr><td>1</td><td colspan="2">Planned Production of Hydrogen and its derivatives</td><td colspan="2">50</td></tr>
<tr><td>a</td><td>Green Hydrogen Production Agreements approved/signed/ under process or MoUs</td><td>Documents required
1. Approved Green Hydrogen projects
2. Signed agreement for Green Hydrogen production plants between Hub Owner and Green Hydrogen Producers
3. List of under-process agreements with potential investors</td><td>15</td><td><table><tr><th>Production Agreements signed</th><th>Marks</th></tr><tr><td>X ≥ 1,50,000 MT</td><td>15</td></tr><tr><td>1,50,000MT>X≥ 1,00,000 MT</td><td>12</td></tr></table></td></tr>
<tr><td>b</td><td>Infrastructure available and planned</td><td>The proposal should list the infrastructure already available at the proposed location. The proposals shall also include a Detailed Project Report (DPR) for development of additional infrastructure along with details of existing infrastructure as detailed under scope of work at clause 5 above</td><td>15</td><td>Up to 15</td></tr>
</table>

<table>
<tr><td>c</td><td>Natural Resource availability</td><td>Documents to support the claim for potential sourcing of RE, water availability and allocation of land.</td><td>20</td><td>
<table>
<tr><th colspan="2">RE Sourcing</th></tr>
<tr><th>Distance of substation of suitable capacity*</th><th>Marks</th></tr>
<tr><td>Less than 25km</td><td>5</td></tr>
<tr><td>75km>X≥25km</td><td>4</td></tr>
<tr><td>150km>X≥ 75km</td><td>3</td></tr>
<tr><td>X≥ 150km</td><td>2</td></tr>
<tr><th colspan="2">Water Sourcing</th></tr>
<tr><th>Description</th><th>Marks</th></tr>
<tr><td>Desalination plant/Waste water treatment plant</td><td>5</td></tr>
<tr><td>Any Other water resources (Except ground water)</td><td>3</td></tr>
<tr><td>Ground water resources</td><td>1</td></tr>
<tr><th colspan="2">Land availability</th></tr>
<tr><th>Description</th><th>Marks</th></tr>
<tr><td>100 % land in possession</td><td>10</td></tr>
<tr><td>50% land in possession</td><td>7</td></tr>
<tr><td>In-principal allocation of land from state agency</td><td>5</td></tr>
<tr><td>Arrangement of land using any another methodology</td><td>3</td></tr>
<tr><td>No information provided</td><td>0</td></tr>
</table>
*Relevant documents shall be submitted to prove that the existing/planned substation is capable to handle the project capacity of the Green Hydrogen hub
</td></tr>
<tr><td>2</td><td colspan="2">Technology, Applications and end-use</td><td colspan="2">20</td></tr>
<tr><td>a</td><td>Presence of multiple end-use industries and current H2 demand in the region</td><td>Documents to prove that the following end use industries and the corresponding</td><td>10</td><td>
<table>
<tr><th colspan="2">Annual Current Demand in MT (X)</th></tr>
<tr><th>Description</th><th>Marks</th></tr>
<tr><td>X ≥ 50,000</td><td>10</td></tr>
<tr><td>50,000>X≥ 30,000</td><td>7</td></tr>
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<tr><td></td><td>and projections for next 5 years</td><td>demand and projections for next 5 years are present in the vicinity:
i. Refining
ii. Steel
iii. Shipping
iv. Transport,
v. Fertilizer,
vi. Chemicals,
vii. Power generation
viii. Any other industries</td><td></td><td><table><tr><td>30,000>X≥ 10,000</td><td>5</td></tr><tr><td>10,000>X≥ 1</td><td>3</td></tr><tr><td>0</td><td>0</td></tr></table></td></tr>
<tr><td>b</td><td>Proximity to an export terminal/demand centre of minimum capacity of 50,000 MT</td><td>Documents to support the proximity of export terminal or demand centre of minimum capacity of 50,000 MT</td><td>5</td><td><table><tr><th>Distance</th><th>Marks</th></tr><tr><td>In-situ</td><td>5</td></tr><tr><td>20 km ≥X> 1 km</td><td>4</td></tr><tr><td>50 km ≥X> 20 km</td><td>3</td></tr><tr><td>100 km ≥X> 50 km</td><td>2</td></tr><tr><td>200 km ≥X> 100km</td><td>1</td></tr><tr><td>More than 200 km</td><td>0</td></tr></table></td></tr>
<tr><td>c</td><td>Firm off-take agreements signed (in MT of H2 or H2 derivatives)</td><td>Copy of agreements/ MoUs signed between Green Hydrogen Producers and off takers</td><td>5</td><td><table><tr><th>Firm off take agreement (X)</th><th>Marks</th></tr><tr><td>X ≥ 1,00,000 MT</td><td>5</td></tr><tr><td>1,00,000MT>X≥ 75,000 MT</td><td>4</td></tr><tr><td>75,000MT>X≥ 50,000 MT</td><td>3</td></tr><tr><td>50,000MT >X≥ 25,000 MT</td><td>2</td></tr><tr><td>X< 25,000 MT</td><td>0</td></tr></table></td></tr>
<tr><td>3</td><td colspan="2">Financial Commitment</td><td colspan="2">30</td></tr>
<tr><td>a</td><td>Financial viability of the proposed hub</td><td>Documents to support the claim including DPR</td><td>5</td><td>Up to 5</td></tr>
<tr><td>b</td><td>Equity investment by the executing agency out of the total project cost</td><td>Board resolution for equity commitment and DPR along with financial documents to support the</td><td>10</td><td><table><tr><th>Equity percentage (X)</th><th>Marks</th></tr><tr><td>X >30%</td><td>10</td></tr><tr><td>30% ≥X>10%</td><td>7</td></tr><tr><td>X<10%</td><td>0</td></tr></table></td></tr>
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<tr><td></td><td></td><td>financial strength of the applicant</td><td></td><td></td></tr>
<tr><td>c</td><td>Debt tied up with the financial institutions out of total debt required for the project</td><td>Copy of agreements/ letter for corresponding percentage of funding tied up with financial institutions as per the project cost stated in DPR</td><td>15</td><td><table><tr><th>Funding percentage tied (X)</th><th>Marks</th></tr><tr><td>X >80%</td><td>15</td></tr><tr><td>80% ≥X>60%</td><td>12</td></tr><tr><td>60% ≥X>40%</td><td>9</td></tr><tr><td>X<40%</td><td>0</td></tr></table></td></tr>
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