



Expression of Interest (EOI)

Title of Consulting Services:
*Preparation of Strategic Roadmap and Safety protocol for Green
Hydrogen Fuel Production and Utilization in Nepal*

Method of Consulting Service
National

Project Name : *Preparation of Strategic Roadmap and Safety protocol for
Green Hydrogen Fuel Production and Utilization in Nepal*

EOI: *WECS/EOI/EN-01/2083/84*

Office Name : *Water and Energy Commission Secretariat*

Office Address: *Pulchowk, Lalitpur*

Issued on: *September 30, 2026*

Financing Agency: Government Budget

Abbreviations



CV	-	Curriculum Vitae
DO	-	Development Partner
EA	-	Executive Agency
EOI	-	Expression of Interest
GON	-	Government of Nepal
PAN	-	Permanent Account Number
PPA	-	Public Procurement Act
PPR	-	Public Procurement Regulation
TOR	-	Terms of Reference
VAT	-	Value Added Tax

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A. Request for Expression of Interest

Government of Nepal
Water and Energy Commission Secretariat

Date: September 30, 2026

Name of Project: Preparation of Strategic Roadmap and Safety protocol for Green Hydrogen Fuel Production and Utilization in Nepal

1. Government of Nepal (GoN) has allocated fund **toward the cost of Preparation of Strategic Roadmap and Safety protocol for Green Hydrogen Fuel Production and Utilization in Nepal** and intends to apply a portion of this **fund** to eligible payments under the Contract for which this Expression of Interest is invited for **National consulting service**.
2. The **Water and Energy Commission Secretariat** now invites Expression of Interest (EOI) from eligible consulting firms (“consultant”) to provide the following consulting services:
The main objective of the assignment is to develop a national strategic roadmap and safety protocol for the safe and sustainable production and utilization of green hydrogen and its derivatives in Nepal. The scope of works comprises techno-economic assessment of production of green hydrogen and its derivatives in Nepal, risk assessment across hydrogen value chain, identification of end use applications, analysis of hydrogen demand prospects including export potential and assessment of financing mechanisms and investment needs for hydrogen sector development.
3. Interested eligible consultants may visit the client’s website <https://wecs.gov.np/> to obtain further information and/or download the EOI document.
4. Consultants may associate with other consultants to enhance their qualifications.
5. Expressions of interest shall be delivered **manually to the address Water and Energy Commission Secretariat, Pulchowk, Lalitpur** on or before **October 13, 2026 12:00 hrs.**
6. In case the last date of obtaining and submission of the EOI documents happens to be a holiday, the next working day will be deemed as the due date but the time will be the same as stipulated.
7. The **EOI opening** shall take place at Meeting Hall of Water and Energy Commission Secretariat, Pulchowk, Lalitpur on **October 13, 2026 at 13:00 hrs.**
8. EOI will be assessed based on **Qualification 40%, Experience 50%, and Capacity 10%** of consulting firm and key personnel. Based on evaluation of EOI, only shortlisted firms will be invited to submit technical and financial proposal through a request for proposal.
9. Minimum score to pass the EOI is **60**.



B. Instructions for submission of Expression of Interest

1. Expression of Interest may be submitted by a sole firm or a joint venture of consulting firms and the maximum number of partners in JV shall be limited to three.
2. Interested consultants must provide information indicating that they are qualified to perform the services (*descriptions, organization and employee and of the firm or company, description of assignments of similar nature completed in the last 7 years and their location, experience in similar conditions, general qualifications and the key personnel to be involved in the proposed assignment*).
3. This expression of interest is open to all eligible **consulting firm/ company/ organization**.
4. The assignment has been scheduled for a period of **nine months**. Expected date of commencement of the assignment is **February 3, 2027**.
5. A Consultant will be selected in accordance with the **QCBS method**.
6. Expression of Interest should contain following information:
 - (i) A covering letter addressed to the representative of the client on the official letter head of company duly signed by authorized signatory.
 - (ii) Applicants shall provide the following information in the respective formats given in the EOI document:
 - *EOI Form: Letter of Application (Form 1)*
 - *EOI Form: Applicant's Information (Form 2)*
 - *EOI Form: Work Experience Details (Form 3(A), 3(B) & 3(C))*
 - *EOI Form: Capacity Details (Form 4)*
 - *EOI Form: Key Experts List (form 5).*
7. Applicants may submit additional information with their application but shortlisting will be based on the evaluation of information requested and included in the formats provided in the EOI document.
8. The Expression of Interest (EOI) document must be duly completed and submitted in sealed envelope and should be clearly marked as "EOI Application for Short-listing for the **Preparation of Strategic Roadmap and Safety protocol for Green Hydrogen Fuel Production and Utilization in Nepal**. The Envelope should also clearly indicate the **name and address of the Applicant**.
9. The completed EOI document must be submitted on or before the date and address mentioned in the **"Request for Expression of Interest"**. In case the submission falls on public holiday the submission can be made on the next working day. Any EOI Document received after the closing time for submission of proposals shall not be considered for evaluation.



C. Objective of Consultancy Services / ToR

1. Background

Hydrogen has gained global attention as a clean, efficient, and flexible energy carrier with the potential to transform modern energy systems. As countries aim to reduce greenhouse gas emissions and transition toward low-carbon economies, hydrogen offers a viable pathway to decarbonize sectors where electrification alone may not be sufficient. Hydrogen can be produced through a range of processes, including electrolysis powered by renewable energy sources such as hydropower, solar, and wind. This makes it a strategic option for countries seeking to maximize their renewable energy potential.

The applications of hydrogen fuel span across transportation, industrial processes, power generation, and long-duration energy storage. In the transport sector, hydrogen-powered fuel cell vehicles offer higher efficiency and longer driving ranges compared to conventional engines. In industry, hydrogen can replace fossil-based fuels for high-temperature processes such as steel, cement, and chemical production. Hydrogen also plays a crucial role in integrating intermittent renewable energy by storing excess electricity and supplying it back to the grid when needed. These diverse uses have positioned hydrogen as an essential component of future clean energy systems worldwide.

In Nepal, interest in hydrogen fuel is steadily growing as part of the broader effort to enhance energy security, seasonal energy storage and reduce reliance on imported petroleum products. With abundant hydropower resources and increasing investments in renewable energy, Nepal has the potential to produce green hydrogen domestically and integrate it into its long-term energy strategy. Nepal has formulated Green Hydrogen Policy, 2080 with the overall aim to promote the production and utilization of hydrogen from renewable sources and explore potential production and storage of green hydrogen and its derivatives. Exploring the feasibility, challenges, and opportunities of hydrogen technologies can ultimately support the country's goals of achieving net zero emissions, clean energy transition, sustainable development and economic resilience.

The Water and Energy Commission Secretariat (WECS) has been at the forefront of guiding Nepal's energy planning and policy formulation. As the central body responsible for coordinating water and energy sector initiatives, WECS continuously evaluates emerging technologies that could support national priorities. Recognizing the growing importance of hydrogen in global energy transitions, WECS has initiated efforts to study its relevance and potential benefits for Nepal. Through research, assessments, and strategic planning, WECS aims to provide evidence-based insights that will help integrate hydrogen energy into national policies, promote innovation, and support the country's transition toward a cleaner and more secure energy future.

Recognizing this need, the Water and Energy Commission Secretariat (WECS) seeks to commission a comprehensive study entitled "Preparation of a Strategic Roadmap and Safety Protocol for Green Hydrogen Fuel Production and Utilization in Nepal". The study will outline the strategic directions for developing Nepal's hydrogen energy ecosystem, assess current and future opportunities for hydrogen production, storage, transportation, and end-use applications, and establish safety standards aligned with international best practices. The findings of this assessment

will guide WECS, government agencies, industry stakeholders, and development partners in integrating hydrogen technologies safely and effectively into Nepal's energy transition, thereby supporting the country's long-term clean energy and decarbonization goals.

2. Objectives of the study

The main objective of the assignment is to develop a national strategic roadmap and safety protocol for the safe and sustainable production and utilization of hydrogen fuel in Nepal, aligning with WECS' mandate for integrated energy planning.

The specific objectives of the study are:

1. Assess the current status of hydrogen energy development, including global trends, technology readiness, production pathways, and utilization sectors.
2. To assess the techno-economic potential for hydrogen production, storage, transport, and end-use in Nepal.
3. Develop a phased Strategic Roadmap for green hydrogen fuel production and utilization covering short-term, medium-term and long-term horizons with quantitative targets, milestones and implementation plan.
4. To identify safety risks and develop safety guidelines, protocols and emergency response measures for the hydrogen value chain.
5. To identify policy, regulatory, institutional and infrastructure gaps and recommend enabling measures including legal frameworks, investment incentives, and public-private partnership mechanisms.
6. To assess financing mechanisms and investment needs for hydrogen sector development.

3. Scope of Work

The consulting firm shall conduct all activities necessary for preparing the strategic roadmap and safety protocol. The scope of work shall be, but not limited to, as follows:

1. Review existing plans, policies, strategies and regulations related to hydrogen development in Nepal, including Green Hydrogen Policy 2080, NDC 3.0, Energy Sector Synopsis Reports and Energy Development Roadmap 2081.
2. Map current hydrogen-related activities, pilot projects and institutional roles of academic and research institutions, private sectors, public entities including WECS.
3. Conduct a desk review of hydrogen technologies, global developments, hydrogen related roadmaps, policies and strategies developed by other countries, relevant safety standards, international best practices, guidelines and protocols for hydrogen production, transport, storage and utilization.
4. Carry out techno-economic assessment of production of green hydrogen and its derivatives in Nepal.
5. Identify the end use applications of hydrogen and its derivatives including but not limited to green chemical fertilizer manufacturing, hydrogen fuel cells, thermal applications in industries, residential cooking, energy storage.
6. Analyze hydrogen demand prospects including export potential.
7. Prepare Green Hydrogen Roadmap for Nepal. Define a clear vision, mission, and

- specific goals for production of hydrogen and its derivatives and their utilization.
8. Propose a phased implementation plan (short-term, medium-term, long-term) with targets, milestones, pilot projects, executing agencies and estimated costs.
 9. Identify and prioritize key sectors for early adoption of hydrogen fuel, outline strategies for scaling up and attaining industrial scale.
 10. Analyze existing regulatory, institutional, safety and infrastructure gaps in hydrogen energy landscape in Nepal and suggest suitable measures to overcome identified barriers.
 11. Outline measures for development and strengthening of hydrogen ecosystem encompassing production, transport, storage, distribution, utilization and export.
 12. Develop a monitoring and evaluation (M&E) framework with key performance indicators (KPIs) for tracking roadmap implementation.
 13. Conduct Life cycle assessment in hydrogen value chain.
 14. Conduct a systematic risk assessment across the entire hydrogen value chain including production, storage, distribution, transport and end-use.
 15. Develop hydrogen safety guidelines, protocols and emergency response plan for each stage in value chain.
 16. Assess financing options including government investment, private sector participation, foreign direct investment, green bonds, and access to international climate funds.
 17. Assess environmental impacts of hydrogen production and utilization pathways including environmental flow impacts and water footprint of large-scale electrolysis on major river basins.
 18. Prepare human resource development plan including research and development needs, training and capacity development programs in government, industry, and academia for hydrogen sector development.
 19. Conduct two separate preliminary and validity stakeholders' meetings for Roadmap Preparation and Safety Protocol Preparation.

4. Deliverables

The consultant shall produce the following deliverables. Each phase must be concluded with submission of the relevant report or deliverables to WECS. The consultant shall submit the soft copies of reports, raw datasets, models in editable format to reproduce results in a hard drive to WECS.

4.1 Inception Report

The consultant shall submit the Inception Report within **one (1) month** from the effective date of contract. The Inception Report shall include:

1. Review of existing policies and technical literature.
2. Refined conceptual framework, Detailed methodology including software tools, and work plan
3. Stakeholder mapping and consultation plan
4. Work schedule and staffing schedule

Two (2) hard copies and one soft copy of the Inception Report shall be submitted to WECS. A half-day workshop to present and discuss the inception report should be organized for WECS officials and related stakeholders. All comments and suggestions provided shall be incorporated in the revised Inception Report for approval.

4.2 Interim Report

The consultant shall submit the Interim Report within **three (3) months** from the time of Inception Report submission. Interim Report shall include:

1. Completed situational analysis and baseline assessment
2. International best practices synthesis
3. Preliminary stakeholder consultation findings
4. Draft techno-economic assessment
5. Draft sector-specific hydrogen utilization potential
6. Preliminary safety risk assessment
7. Initial baseline datasets and mathematical models used

Two (2) hard copies and one soft copy of the Interim Report shall be submitted to WECS. A half-day workshop to present and discuss the interim report should be organized for WECS officials and related stakeholders. All comments and suggestions provided shall be incorporated in the revised Interim Report for approval.

4.3 Draft Report

The consultant shall submit the Draft Report within **four (4) months** from the submission of the Interim Report. Draft Report shall include:

1. Full Strategic Roadmap with phased targets, KPIs, investment needs, and M&E framework
2. Safety Guidelines and Protocols for the full hydrogen value chain
3. Regulatory and institutional framework recommendations
4. Financial and economic analysis
5. Human Resource Development plan
6. First draft of research paper

The consultant shall have completed all the works stated in the Scope of Works including validating stakeholder's meeting during the time of submission of draft report.

Two (2) hard copies and one soft copy of the Draft Report shall be submitted to WECS. A half-day workshop to present and discuss the draft report should be organized for WECS officials and related stakeholders. All comments and suggestions provided on the Draft Report should be incorporated in the Final Report. Final Report shall be submitted within **one (1) month** of Draft Report submission. Submission: five (5) hard copies and one (1) soft copy. The **Final Report** shall include:

1. Finalized Strategic Roadmap for Hydrogen Production and Utilization in Nepal
2. Finalized Safety Guidelines and Protocols for hydrogen value chain in Nepal
3. Policy, regulatory, and institutional framework recommendations
4. Economic and financial analysis
5. Human Resource Development Plan
6. Executive Summary (suitable for policy audiences)

Consultant shall submit a final research article suitable for publication in a peer-reviewed journal on energy policy or hydrogen technology.

5. Staffing and Qualifications

A project coordinator from WECS will work in close coordination with consultant for day-to-day execution and monitoring of the study. All the correspondences and

coordination with WECS from consultant side will be the responsibility of authorized representative.

The following are the requirements of experts for the study. However, the consultant may include additional experts during the project period without any additional expenses on the agreed amount.

S.N.	Staff Position	Number	Person-Month	
			Office	Field
1.	Team Leader /Hydrogen Technology Expert	1	4	1
2.	Safety and Risk Assessment Expert	1	2	1
3.	Economist / Financial Analyst	1	2	0
4.	Policy Analyst	1	2	0
5.	Renewable Energy Expert	1	2	1
6.	Environmental/Environment Engineer	1	2	1
7.	Office Manager	1	6	0

The responsibilities of the experts are, but not limited to, the following:

5.1 Team Leader /Hydrogen Technology Expert

The Team Leader shall have at least a Master's degree in Energy Engineering, Chemical Engineering, Mechanical Engineering, or a related field, with a minimum of ten (10) years of professional experience in hydrogen technologies or clean energy systems, including demonstrated experience in leading multidisciplinary studies or strategic advisory assignments. The Team Leader shall:

- Provide overall technical and administrative direction to the consulting team.
- Lead stakeholder consultations and engagement with government agencies and development partners.
- Oversee the preparation of the Strategic Roadmap, ensuring alignment with Nepal's national policies including the Green Hydrogen Policy 2080, NDC 3.0, and the Energy Development Roadmap 2024.
- Coordinate integration of technical, safety, financial, legal, and environmental inputs into a coherent strategic document.
- Organize and facilitate all consultation workshops.
- Ensure quality control and timely delivery of all outputs.
- Serve as the primary point of contact with WECS.

5.2 Safety and Risk Assessment Expert

The Safety and Risk Assessment Expert shall have at least a Master's degree in Safety Engineering, Chemical Engineering, Industrial Engineering, Risk Management, or related field, with a minimum of seven (7) years of professional experience in industrial safety and risk assessment, preferably involving hazardous gases or hydrogen systems. The Expert shall:

- Identify and assess safety risks associated with hydrogen production, storage, transport, and utilization.
- Conduct hazard identification and risk analysis, including fire, explosion, and leakage risks.
- Review international safety standards and best practices.
- Develop safety protocols, guidelines, and emergency response procedures.
- Recommend safety standards tailored to Nepal's context.
- Contribute to regulatory and institutional recommendations on hydrogen safety.
- Assist the Team Leader in timely delivery of outputs.

5.3 Economist / Financial Analyst

The Economist / Financial Analyst shall have at least a Master's degree in Economics, Finance, Business Administration, Energy Economics, or a related field, with a minimum of seven (7) years of professional experience in economic and financial analysis of energy projects. The Expert shall:

- Conduct economic and financial analysis of hydrogen value chains.
- Undertake cost-benefit analysis of hydrogen production, storage, and utilization options.
- Assess market potential, pricing mechanisms, and demand scenarios for hydrogen.
- Identify investment requirements and financing mechanisms.
- Explore opportunities for private sector participation and PPP models.
- Assess access to international climate finance and green funding sources.
- Assist the Team Leader in timely delivery of outputs.

5.4 Policy Analyst

The Policy Analyst shall have at least a Master's degree in Public Policy, Law, Economics, Energy Policy, or a related field, with a minimum of seven (7) years of professional experience in policy analysis, formulation of policy and other regulatory frameworks. The Expert shall:

- Review existing policies, laws, and institutional frameworks relevant to hydrogen and energy.
- Identify policy gaps, regulatory barriers, and institutional challenges.
- Develop policy and regulatory recommendations to support hydrogen deployment.
- Propose institutional arrangements and governance mechanisms.
- Support development of standards, codes, and guidelines for hydrogen utilization.
- Ensure alignment with national energy and climate policies.
- Assist the Team Leader in timely delivery of outputs.

5.5 Renewable Energy Expert

The Energy Specialist shall have at least a Master's degree in Renewable Energy, Energy Systems, Electrical Engineering, Mechanical Engineering, or related field, with a minimum of five (5) years of professional experience in energy systems planning and analysis, clean energy systems and green hydrogen related projects. The Expert shall:

- Assess integration of hydrogen into Nepal's energy system, including power, transport, and industry sectors.
- Identify potential applications and use cases for hydrogen technologies.
- Analyze energy demand and supply scenarios involving hydrogen.

- Assess infrastructure requirements and system implications.
- Support identification of priority projects and pilot initiatives.
- Contribute to development of the strategic roadmap.

5.6 Environmentalist/ Environment Engineer

The Environment Expert shall have at least a Master's degree in Environmental Science, Environmental Engineering, or related field, with a minimum of five (5) years of professional experience in environmental assessment and management, life cycle assessment, preferably involving gases or industrial systems or hydrogen systems. The Expert shall:

- Assess environmental impacts of hydrogen production and utilization pathways.
- Conduct lifecycle analysis of emissions and environmental benefits.
- Identify environmental risks and propose mitigation measures.
- Ensure compliance with national environmental regulations and safeguard requirements.
- Support integration of environmental sustainability into the strategic roadmap.
- Contribute to climate change mitigation and sustainability considerations.

5.7 Non-key Staff: Office Manager

The Office Manager shall be responsible to:

- Provide administrative and logistical support to the consulting team
- Coordinate meetings, workshops, and stakeholder consultations
- Manage documentation, communications, and scheduling
- Support financial and contract administration tasks
- Assist in formatting and submission of reports

6. Work Schedule

The consultant shall complete the entire assignment within a period of nine (9) months from the date of signing the contract with WECS. It is the responsibility of the consultant to plan the work in detail and prepare the work schedule and expert person-months schedule to complete the assigned work within the stipulated timeframe. The indicative milestones are as follows:

S.N.	Milestone / Deliverable	Timeline from Contract Date
1.	Inception Report	Within 1 month
2.	Interim Report	Within 4 months
3.	Draft Final Report	Within 8 months
4.	Final Report (incorporating WECS comments)	Within 9 months

7. Mode of Payment

The payment schedule shall be as follows:

Installment	Payment (% of Total Contract Amount)	Condition of Payment
1 st Installment	30%	After submission and approval of Inception Report by WECS.

2 nd Installment	40%	After submission and approval of Interim Report by WECS.
3 rd Installment	30%	After submission and approval of the Final Report, incorporating all WECS comments from the draft final report.

8. Language of the Report:

All the reports should be prepared and submitted in English.

9. Competencies:

The Organization/Consulting firm should have the following competencies:

- Excellent communication skill, good working relationship with the government and other organizations, and ability to collect and analyze data and information;
- Excellent ability to quickly grasp and synthesize inputs from a range of disciplines related to this subject area;

10. Qualifications:

The consulting firm should provide lists of qualified human resources with proven track records. The study team should comprise of specialist and/or knowledge-based human resources having required qualifications and experiences in relevant fields/thematic areas to carry out the works as included in the scope of this study. S/he should have fluent written and oral communication in English.

11. Technology Transfer:

The consultant shall deliver the report within the specified time frame and successfully complete the projects within the designated duration. The consultant shall conduct a 4 (four) days technology transfer training to WECS officials and other government officials.

12. Research publication:

The Consultant shall submit the draft of the research article to WECS. The first author shall be the head of Energy division of WECS. Other colleagues from Energy division, WECS will be co-authors and one of the prime responsible persons from the consultant will be the co-author.

13. Property Rights

WECS shall have the sole authority on all data (primary and analyzed), methodology, analysis conducted during this study. The consultant shall not use the outcome of this study and any of the information of this study in any other studies without receiving prior approval from WECS.

D. Evaluation of Consultant's EOI Application

Consultant's EOI application which meets the eligibility criteria will be ranked on the basis of the Ranking Criteria.

i) Eligibility & Completeness Test	Compliance
Notarized Copy of Registration of the company/firm certificate (of each member of JV in case of JV)	Consultant shall submit the document.
Notarized Copy of VAT/ PAN Registration certificate (of each member in case of JV)	Consultant shall submit the document.
Notarized copy of Tax clearance or tax submission certificate of fiscal year 081/82 (of each member of JV in case of JV)	Consultant shall submit the document.
In case of a natural person or firm/institution/company which is already declared blacklisted and ineligible by the GoN, any other new or existing firm/institution/company owned partially or fully by such Natural person or Owner or Board of director of blacklisted firm/institution/company; shall not be eligible consultant.	
Joint Venture Agreement	Consultant shall submit document.
Power of Attorney to sign the Proposal	Consultant shall submit document.
EOI Form 1: Letter of Application	Consultant shall duly fill the given form.
EOI Form 2: Applicant's Information Form	Consultant shall duly fill the given form.
EOI Form 3: Experience (3(A) and 3(B))	Consultant shall duly fill the given form.
EOI Form 4: Capacity	Consultant shall duly fill the given form.
EOI Form 5: Qualification of Key Experts	Consultant shall duly fill the given form.

EOI Evaluation Criteria

SN	Description	Weightage	Marks
1	Proposed Key Professional for the study(Qualification & Experience)		40
A : Team Leader (Hydrogen Technology Expert)			10
	Minimum Master's degree in Energy Engineering, Chemical Engineering, Mechanical Engineering or related field having at least 10 (ten) years of professional experience		
i	Qualification		3
a	Master's Degree	80%	2.4
b	Ph.D	100%	3
ii	Professional Experience (General)		3
a	10 years to 15 years of experience	80%	2.4
b	more than 15 years of experience	100%	3
iii	Specific experience in hydrogen technologies or clean energy systems		4
a	One project completed	60%	2.4
b	Minimum two projects completed	80%	3.2
c	More than two projects completed with at least one hydrogen based project	100%	4
B: Safety and Risk Assessment Expert			6
	Master's degree in Safety Engineering, Chemical Engineering, Industrial Engineering, Risk Management, or related field having a minimum of 7 (seven) years professional experience		
i	Qualification		1.8
a	Master's Degree	100%	1.8
ii	Professional Experience (General)		1.8
a	7 years to 10 years of experience	80%	1.44
b	more than 10 years of experience	100%	1.8
iii	Specific experience in industrial safety and risk assessment, occupational health and safety, including safety assessment of hazardous gases, hazardous chemicals, hydrogen systems.		2.4
a	One project completed	60%	1.44
b	Two projects completed	80%	1.92
c	More than two projects completed	100%	2.4
C: Economist/ Financial Analyst			6
	Master's degree in Economics, Finance, Business Administration, Energy Economics, or related field with at least 7 years of professional experience		
i	Qualification		1.8

a	Master's Degree	100%	1.8
ii	Professional Experience (General)		1.8
a	7 years to 10 years of experience	80%	1.44
b	more than 10 years of experience	100%	1.8
iii	Specific work experience in economic and financial analysis of energy projects		2.4
a	One project completed	60%	1.44
b	Two projects completed	80%	1.92
c	More than two projects completed	100%	2.4
D: Policy Analyst			6
	Master's degree in Public Policy, Law, Economics, Energy Policy, or a related field with at least 7 years of professional experience		
i	Qualification		1.8
a	Master's Degree	100%	1.8
ii	Professional Experience (General)		1.8
a	7 years to 10 years of experience	80%	1.44
b	more than 10 years of experience	100%	1.8
iii	Specific work experience in policy analysis, formulation of policy and other regulatory frameworks.		2.4
a	One project completed	60%	1.44
b	Two projects completed	80%	1.92
c	More than two projects completed	100%	2.4
E: Renewable Energy Expert			6
	Master's degree in Renewable Energy, Energy Systems, Electrical Engineering, Mechanical Engineering, or related field with at least 5 years of professional experience		
i	Qualification		1.8
a	Master's Degree	100%	1.8
ii	Professional Experience		1.8
a	5 years to 7 years of experience	80%	1.44
b	more than 7 years of experience	100%	1.8
iii	Specific work experience in energy systems planning and analysis, clean energy systems and green hydrogen related projects.		2.4
a	One project completed	60%	1.44
b	Two projects completed	80%	1.92
c	More than two projects completed	100%	2.4
F: Environmentalist/ Environment Engineer			6
	Master's degree in Environmental Science, Environmental Engineering, or related field with at least 5 years of professional experience		
i	Qualification		1.8
a	Master's Degree	100%	1.8

ii	Professional Experience (General)		1.8
a	5 years to 7 years of experience	80%	1.44
b	more than 7 years of experience	100%	1.8
iii	Specific work experience in environmental assessment and management, life cycle assessment, preferably involving gases or industrial systems or hydrogen systems.		2.4
a	One project completed	60%	1.44
b	Two projects completed	80%	1.92
c	More than two projects completed	100%	2.4
2	Work Experience of the firm (Only study completed projects will be considered for evaluation)		50
2a	General Experience of the firm (Lead firm in case of Joint Venture)		20
a	Minimum 7 (seven) years of general experience in consulting jobs.	100%	20
2b	Specific experience of the firm (lead firm or JV partner) within last 7 years in		30
	Experience of the firm in: • Conducted research works/ study/ consulting job in green hydrogen projects or clean energy. (The completed projects having contract amount or actual amount of works completed of more than 2 million Nepalese rupees including VAT shall only be considered for evaluation).		
a	1 (one) project	60%	18
b	Minimum 2 (two) projects	80%	24
c	More than two projects with at least one hydrogen based project	100%	30
3	Financial Capacity of the firm in NRs. (Average Annual Turn-over (AAT) in million NRs of the best three Fiscal Years in last seven consecutive Fiscal Years)		10
a	Less than 6	0%	0
b	6 to 7	80%	8
c	More than 7	100%	10
Total Marks			100

Note : In Case, a corruption case is being filed to Court against the Natural Person or Board of Director of the firm/institution /company or any partner of JV, such Natural Person or Board of Director of the firm/institution /company or any partner of JV such firm's or JV EoI shall be excluded from the evaluation, if public entity receives instruction from Government of Nepal.

Additional Notes on Evaluation Criteria:

- a) The Consultant must put the signature of authorized representative and company's stamp on each and every page of the EOI. In absence of signature of authorized representative and stamp of company, the particular page will not be considered for evaluation.
- b) In case of a natural person or firm/institution/company which is already declared blacklisted and ineligible by the GoN, any other new or existing firm/institution/company owned partially or fully by such Natural person or Owner or Board of director of blacklisted firm/institution/company; shall not be eligible consultant.
- c) The experience of the firm shall be supported with notarized copies of experience/completion certificates showing the name & type of consulting service, project size/value of service/contract amount and date of completion of the assignment. Experience of the firm with work completion certificate shall be considered for evaluation.
- d) Only study completed project will be considered for evaluation. The ongoing study or partially completed project will not be considered for evaluation.
- e) Each page of Curriculum Vitae (CV) of the key professional shall be submitted with expert's signature, with notarized copy of Nepal Engineering Council (NEC) certificate of the professionals required to be registered as per NEC Act, 2055 and Regulation, 2057 and notarized copy of Academic certificates (Bachelor's degree to higher degree) shall also be submitted for each expert.
- f) A firm shall not propose the same key professional for more than one designation.

E. EOI Forms & Formats

Form 1. Letter of Application

Form 2. Applicant's information

Form 3. Experience (*General, Specific and Geographical*)

Form 4. Capacity

Form 5. Qualification of Key Experts

1. Letter of Application

(Letterhead paper of the Applicant or partner responsible for a joint venture, including full postal address, telephone no., fax and email address)

Date:

To,

Full Name of Client: _____

Full Address of Client: _____

Telephone No.: _____

Fax No.: _____

Email Address: _____

Sir/Madam,

1. Being duly authorized to represent and act on behalf of (hereinafter "the Applicant"), and having reviewed and fully understood all the short-listing information provided, the undersigned hereby apply to be short-listed by **[Insert name of Client]** as Consultant for **{Insert brief description of Work/Services}**.
2. Attached to this letter are photocopies of original documents defining:
 - a) the Applicant's legal status;
 - b) the principal place of business;
3. **[Insert name of Client]** and its authorized representatives are hereby authorized to verify the statements, documents, and information submitted in connection with this application. This Letter of Application will also serve as authorization to any individual or authorized representative of any institution referred to in the supporting information, to provide such information deemed necessary and requested by yourselves to verify statements and information provided in this application, or with regard to the resources, experience, and competence of the Applicant.
4. **[Insert name of Client]** and its authorized representatives are authorized to contact any of the signatories to this letter for any further information.¹
5. All further communication concerning this Application should be addressed to the following person,

[Person]

[Company]

[Address]

[Phone, Fax, Email]
6. We declare that, we have no conflict of interest in the proposed procurement proceedings and we have

¹ Applications by joint ventures should provide on a separate sheet, relevant information for each party to the Application.

not been punished for an offense relating to the concerned profession or business and our Company/firm has not been declared ineligible.

7. We further confirm that, if any of our experts is engaged to prepare the TOR for any ensuing assignment resulting from our work product under this assignment, our firm, JV member or sub-consultant, and the expert(s) will be disqualified from short-listing and participation in the assignment.
8. The undersigned declares that the statements made and the information provided in the duly completed application are complete, true and correct in every detail.

Signed :

Name :

For and on behalf of (name of Applicant or partner of a joint venture):

2. Applicant's Information Form

(In case of joint venture of two or more firms to be filled separately for each constituent member)

1. Name of Firm/Company:
2. Type of Constitution (*Partnership/ Pvt. Ltd/Public Ltd/ Public Sector/ NGO*)
3. Date of Registration / Commencement of Business (*Please specify*):
4. Country of Registration:
5. Registered Office/Place of Business:
6. Telephone No; Fax No; E-Mail Address
7. Name of Authorized Contact Person / Designation/ Address/Telephone:
8. Name of Authorized Local Agent /Address/Telephone:
9. Consultant's Organization:
10. Total number of staff:
11. Number of regular professional staff:

(Provide Company Profile with description of the background and organization of the Consultant and, if applicable, for each joint venture partner for this assignment.)

3. Experience

3(A). General Work Experience

(Details of assignments undertaken. Each consultant or member of a JV must fill in this form.)

S. N.	Name of assignment	Location	Value of Contract	Year Completed	Client	Description of work carried out
1.						
2.						
3.						
4.						
5.						
6.						
7.						

3(B). Specific Experience**Details of similar assignments undertaken in the previous seven years**

(In case of joint venture of two or more firms to be filled separately for each constituent member)

Assignment name:	Approx. value of the contract (in current NRs; US\$ or Euro) ² :
Country: Location within country:	Duration of assignment (months):
Name of Client:	Total No. of person-months of the assignment:
Address:	Approx. value of the services provided by your firm under the contract (in current NRs; US\$ or Euro):
Start date (month/year): Completion date (month/year):	No. of professional person-months provided by the joint venture partners or the Sub-Consultants:
Name of joint venture partner or sub-Consultants, if any:	Narrative description of Project:
Description of actual services provided in the assignment: Note: Provide highlight on similar services provided by the consultant as required by the EOI assignment.	

Firm's Name: _____

² Consultant should state value in the currency as mentioned in the contract

3(C). Geographic Experience**Experience of working in similar geographic region or country**

(In case of joint venture of two or more firms to be filled separately for each constituent member)

No	Name of the Project	Location (Country/ Region)	Execution Year and Duration
1.			
2.			
3.			
4.			
5.			
6.			
7.			

4. Capacity

4(A). Financial Capacity

(In case of joint venture of two or more firms to be filled separately for each constituent member)

Annual Turnover	
Year	Amount Currency

- Average Annual Turnover of Best of 3 Fiscal Year Of Last 7 Fiscal Years

(Note: Supporting documents for Average Turnover should be submitted for the above.)

5. Key Experts *(Include details of Key Experts only)*

(In case of joint venture of two or more firms to be filled separately for each constituent member)

SN	Name	Position	Highest Qualification	Work Experience (in year)	Specific Work Experience (in year)	Nationality
1						
2						
3						
4						
5						

(Please insert more rows as necessary)