



REQUEST FOR INFORMATION

RFI NO: FTSEZ-RFI/01/05/26

FOR

**REQUEST FOR INFORMATION (RFI) FOR A PRE-FEASIBILITY
STUDY FOR THE DEVELOPMENT OF A GREEN HYDROGEN
(GH₂) PRODUCTION, STORAGE, REFUELLING, AND UTILISATION
HUB WITHIN THE FETAKGOMO TUBATSE SPECIAL ECONOMIC
ZONE (FTSEZ), LIMPOPO**

REQUEST FOR INFORMATION

You are hereby invited to submit:

REQUEST FOR INFORMATION (RFI) FOR THE DEVELOPMENT OF A GREEN HYDROGEN (GH₂) PRODUCTION, STORAGE, REFUELLING, AND UTILISATION HUB WITHIN THE FTSEZ, LIMPOPO.

RFI NUMBER:	FTSEZ-RFI/01/05/26
ISSUANCE DATE:	14 May 2026
CLOSING DATE:	03 June 2026
CLOSING TIME:	11:00
RFI DOCUMENT DELIVERY ADDRESS:	Limpopo Economic Development Agency Enterprise Development House Main Road Lebowakgomo 0737
TECHNICAL ENQUIRIES	Bunjiwe Gwebu Bunjiwe.Gwebu@ftsez.co.za
SCM RELATED ENQUERIES	Emmanuel Kaka KakaN@liteda.co.za

SECTION 1: REQUEST FOR INFORMATION

1.1. Objectives of the RFI

1.1.1. FTIP intends to use the information provided to determine the following:

- A. To gather information on the suppliers available in the market.
- B. To identifying appropriate suppliers who can respond to an RFP on Pre-Feasibility Study (PFS) for the development of a Green Hydrogen (Gh₂) Production, Storage, Refuelling, and Utilisation Hub within the Fetakgomo Tubatse Special Economic Zone (FTSEZ), Limpopo.

1.1.2. FTIP invites you to submit a: Response to the, Request for information (RFI), for the services as stated in the table above. This RFI is a stand-alone information-gathering exercise, intended only to inform and assist FTI's further deliberation and development of a formal Request for Proposal (RFP) for the employment of resources or companies experienced in the the development of a Green Hydrogen (Gh₂) Production, Storage, Refuelling, and Utilisation Hub within the Fetakgomo Tubatse Special Economic Zone (FTSEZ), Limpopo.

1.1.3. Respondents are requested to provide information that will assist the FTIP and its partners to:

- Understand available technologies, systems, and best practices for the development of green hydrogen production, storage, refuelling, and utilisation.
- Assess market maturity and demand development approaches, particularly for hydrogen mobility in mining logistics corridors.
- Evaluate implementation pathways from pilot-scale demonstration to commercial-scale deployment for both production and offtake of hydrogen.
- Understand commercial, funding, and partnership models used in comparable green hydrogen projects.
- Identify delivery risks, regulatory considerations, and critical success factors relevant to the Limpopo and South African context.

1.2. Submission of RFI

The documents must be signed and completed by a person who has been given authority to act on behalf of the company. RFI documents must be submitted on or before **11h00 on 02 June 2026**, at

Limpopo Economic Development Agency
Enterprise Development House
Main Road
Lebowakgomo
0737

Bidders are requested to submit all bids in the format instructed; no other format will be acceptable.

1.1. Late RFIs

RFIs which are submitted after the closing date and time will not be accepted.

1.2. Clarification and Communication

ADMINISTRATIVE ENQUIRIES	TECHNICAL ENQUIRIES
Name: Emmanuel Kaka Designation: Manager-SCM Email: KakaN@lieda.co.za	Name: Bunjiwe Gwebu Designation: Executive Manager – Business Development and Investment Promotion Email: Bunjiwe.Gwebu@ftsez.co.za

1.2.1. Request for clarity or information on the RFI may only be requested until 01June 2026. Any responses to queries or for clarity sought by a RFI will also be sent to all the invited RFI's respondents.

1.2.2. Respondents may not contact any FTIP employee on this RFI other than those listed above.

1.3. RFI Responses

RFI responses must be strictly prepared and returned in accordance with this RFI document. RFI's may be disqualified where they have not materially complied with any of FTIP's requirements in terms of this RFI document. Changes to the RFI's submission will NOT be allowed after the closing date of the RFI. No RFI respondent or any of its consortium/joint venture members may have an interest in any of the other RFI/joint venture/consortium participating in this RFI.

1.4. Requirements of your Submission

This submission will not be considered unless it is:

- Received on or before the time and date as indicated
- Sealed and signed by person(s) duly authorised to act on behalf of your company
- Received in full
- FTIP reserves the right to cancel this RFI process at any time prior to entering into any contract that may result from this process and will not accept or incur any liability for such cancellation.
- FTIP is not bound to accept any of the submissions, nor give reasons for any decisions in this respect.
- The Information provided below may be used when going out on enquiry for a request for proposal or a quotation.

1.5. Confidentiality of Information

- 1.5.1. FTIP will not disclose any information disclosed to FTIP through this RFI process to a third party or any other RFI without any written approval from the RFI whose information is sought.
- 1.5.2. Furthermore,
 - 1.5.2.1. FTIP will not disclose the names of RFI's until the RFI process has been finalised.
 - 1.5.2.2. RFI may not disclose any information given to the RFI as part of this RFI process to any third party without the written approval from FTIP. In the event that the RFI requires to consult with third parties on the RFI, such third parties must complete confidentiality agreements, which should also be returned to FTIP with the RFI.

1.6. Important Notes

- 1.6.1. Please note that this enquiry is not a Request for Quotation/Proposal but a Request for Information only and therefore non-committal and does not constitute a guarantee of business, or an agreement to negotiate a binding agreement.
- 1.6.2. Due to the specific need that this RFI process has to fulfil, FTIP wishes to clarify that this invitation is not intended to impede, amend or replace any current or future procurement process that FTIP has engaged in or will engage in.
- 1.6.3. This RFI is a stand-alone information-gathering and market-testing exercise, intended only to inform and assist FTIP's further decisions. No respondent, through submission of information will gain any right to participate in any future process, and participates herein on the basis that it is providing information voluntarily to strengthen a potentially beneficial process for all stakeholders. In addition, no participant shall be prevented or excluded from participation in the bidding process due to submission of information in response to this RFI.
- 1.6.4. Through making a submission, a respondent accepts the terms and conditions which govern this process.
- 1.6.5. All participants responding to this RFI process need to ensure that they have received all information and remain solely responsible for satisfying themselves as to the information required in responding hereto and are fully responsible for all costs incurred in relation hereto and under no circumstances will any resultant cost be borne by FTIP.
- 1.6.6. FTIP reserves the right not to proceed with any further engagements on the requirements presented.

SECTION 2: SCOPE OF WORK

2.1 Introduction

The Fetakgomo-Tubatse Industrial Park (FTIP), in collaboration with Valterra Platinum and Mintek, invites suitably experienced organisations to submit responses to this Request for Information (RFI) for the development of a Green Hydrogen (GH₂) production, storage, refueling, and utilisation hub within the FTSEZ in Limpopo.

The objective of this RFI is to understand current market capabilities, technology readiness, delivery models, and implementation approaches that could support a Concept and Pre-Feasibility Study (PFS) for a GH₂ ecosystem, including a green hydrogen production and refueling facility, hydrogen mobility and fuel-cell applications. This RFI is issued strictly for market sounding and information-gathering purposes and does not constitute a request for proposal or commitment to procure services and may inform the scope and specifications of a future procurement process.

2.2 RFI Scope and Information Requirements

Respondents are invited to address the sections below at a high-level, referencing relevant experience and indicative approaches.

2.2.1 Company Profile

Respondents should provide:

- Company name, registration details, ownership structure, and contact information.
- Overview of core services and technical disciplines.
- Demonstrated experience in:
 - Green hydrogen production and refueling projects.
 - Renewable energy design and integration (solar PV, BESS, grid/wheeling).
 - Fuel cell systems and hydrogen mobility applications.
 - Concept, Pre-Feasibility, or Feasibility studies for energy or infrastructure projects.
- Experience working with hydrogen within Chemicals/Petroleum and Gas projects, SEZs, mining environments, or heavy-duty logistics contexts (preferred).

2.2.2 Market and Demand Assessment Capabilities

Respondents should outline their approach and experience in:

- Assessing local and regional hydrogen demand, particularly for:
 - Mining logistics and heavy-duty truck fleets.

- Industrial and stationary applications.
- Developing hydrogen demand roadmaps, from pilot to scale.
- Evaluating:
 - Decarbonisation commitments of regional industrial off takers.
 - OEM readiness for right hand hydrogen fuel cell electric trucks
 - Regional logistics corridors and haulage patterns.
- Supporting bankable market validation, including LOIs, MoUs, and demand modelling.

2.2.3 Infrastructure, Energy, and Utilities Capability

Respondents should describe experience and methodologies related to:

- Energy and Renewables
 - Techno economic modelling of GH₂ production systems.
 - Integration of solar PV, BESS, grid connected and wheeled renewables and proposed technical modelling tools.
 - Hydrogen certification requirements for “green” classification.
 - Electrical infrastructure design (solar PV plant, battery energy storage systems, substations, grid integration, protection, control and instrumentation).
- Infrastructure and Utilities
 - Civil infrastructure for GH₂ production, storage, and refuelling facilities.
 - Stormwater management, water supply and treatment for GH₂ production facilities.
 - Hazardous area classification and safety layout planning.
 - Telecommunications, control, metering, and monitoring systems.

2.2.4 Hydrogen Production and Refueling Systems

Respondents should provide information on capabilities relating to:

- Electrolyser technologies (e.g. PEM vs Alkaline) and sizing approaches.
- Hydrogen compression, storage, and dispensing configurations.
- Refueling solutions for heavy-duty mobility (e.g. 350 bar / 700 bar).
- Balance-of-Plant integration and system scalability.
- Water treatment, cooling, and utility integration.
- Typical performance assumptions, availability targets, and degradation considerations.

2.2.5 Fuel Cell Applications (Pilot and Scale-Up)

Respondents should describe experience with:

- PEM fuel cell systems for:
 - Prime power, backup power, or hybrid/grid-connected applications.
- Pilot project definition (100–200 kW typical).
- Performance modelling, site screening, and integration with hydrogen supply.
- CAPEX, OPEX, and LCOE/LCOH benchmarking.
- Scale-up pathways to ≥500 kW or MW-scale deployments.
- Localisation opportunities (e.g. PGM catalyst value chains).

2.2.6 Commercial, Financial, and Delivery Models

Respondents should provide insights on:

- Commercial delivery models where public private partnerships are involved:
 - BOO, BOOT, EPC, EPCM, or SPV structures.
- Hydrogen pricing mechanisms (e.g. Rand/kg).
- Funding and financing approaches, including experience with:
 - IDC, DBSA, DFIs, or other climate funds.
- Risk allocation and bankability considerations.
- Anchor offtake strategies and take-or-pay mechanisms.
- Hydrogen and mobility pilot scalability and options.
- Partnerships with other hydrogen industry stakeholders (e.g. equipment and mobility OEMs)

2.2.7 Regulatory, Permitting, and Risk Management

Respondents should outline experience in:

- Navigating South African regulatory requirements for hydrogen projects, including:
 - EIA, MHI, NERSA, Pressure Equipment Regulations.
- Developing permitting strategies and schedules including environmental impact assessments.
- Safety, hazard identification, and community risk considerations.
- Identification of key project risks and mitigation strategies.
- Defining Go / No-Go decision gates between Concept, PFS, and BFS.

2.2.8 Typical Deliverables and Timelines

Respondents should indicate:

- Typical deliverables provided at Concept Study and PFS stages and expected times for each phase.

- Governance, reporting, and stakeholder engagement approaches.
- High-level proposed methodology to execute the project, timelines (durations), milestones, deliverables, resources required, and services costing;
- Details on the project management approach including communication plans.

2.2.9 Case Studies and References

Respondents are encouraged to provide:

- Examples of comparable GH₂, renewable hydrogen, or fuel-cell projects.
- Indicative project scale, geography, and outcomes.
- Key performance indicators achieved (where available).
- Client references (optional).

2.2.10 Indicative Pricing

- Respondents are required to provide a detailed cost schedule, including Rand-based cost estimates and the number of hours for each item associated with the professional services required to conduct the pre-feasibility study for the development of a Green Hydrogen (GH₂) Production, Storage, Refuelling, and Utilisation Hub within the Fetakgomo Tubatse Special Economic Zone (FTSEZ) in Limpopo. These estimates will be used for budgetary planning purposes.
- Pricing must be provided in South African Rand (including all applicable taxes less all unconditional discounts).
- Prices that are subject to escalation and exchange rate fluctuations are to be clearly indicated, with the currency and ROE used in the quotation must be clearly indicated

Notes:

- a) Respondents are requested to provide non-binding, indicative pricing information to support market benchmarking and budget estimation. This may include price ranges, high-level cost structures, and typical pricing models applicable to the proposed solution.
- b) All pricing provided in response to this RFI is strictly for informational and planning purposes only and will not be used for evaluation, comparison, or supplier selection in any subsequent procurement process. Respondents are not required to submit formal or binding commercial offers at this stage.
- c) Where possible, respondents are encouraged to highlight key cost drivers, assumptions, and any variables that may significantly impact pricing.

2.2.11 Confidentiality

All information provided in this RFI will be treated confidentially and used solely for market research and planning purposes. Respondents are advised not to include proprietary or sensitive commercial information that they would not wish to be shared internally.

2.2.12 Disclaimer

This RFI is a request for information only and not an offer document. Submissions to this RFI must not be construed as an acceptance of an offer or imply the existence of a contract between the parties. By submitting, respondents shall be deemed to have satisfied themselves with and to have accepted all Terms & Conditions of this RFI. FTIP makes no representation, warranty, assurance, guarantee or endorsements to respondents concerning the RFI, whether regarding its accuracy, completeness or otherwise and the FTIP shall have no liability towards the respondent or any other party in connection therewith.

SECTION 3: COMPANY PROFILE AND INDICATIVE RESOURCE CAPACITY

3.1. Company capacity and capability (refer to clause 2.2.1)

Respondents are requested to complete the table below to provide high-level, indicative information on their organisational resource capacity and relevant experience.

The information provided is non-binding, descriptive, and will not be scored, ranked, or used for shortlisting. It will be used solely to support FTIP's understanding of market capability and to inform the design of a potential future Request for Proposals (RFP).

Table A: COMPANY PROFILE AND ORGANISATIONAL CAPACITY

No.	Information Category	Description	Respondent Response
1	Registered Company Name	Legal name of organisation	
2	Registration Number	Company registration number	
3	Country of Registration	Country where the entity is registered	
4	Local Presence in South Africa	Yes / No (brief description if yes)	
5	Ownership Structure	Brief description (e.g. private, JV, consortium)	
6	Primary Role (if consortium)	Prime contractor / Lead advisor / Specialist partner	
7	Core Business Areas	Brief description of core services	
8	Years of Operation	Approximate number of years in operation	

Table B: INDICATIVE RESOURCE CAPACITY (HIGH-LEVEL)

No.	Resource Capacity Area	Information Requested (Indicative)	Respondent Response
1	Total Permanent Employees	Approximate total staff complement	
2	Technical Personnel	Approximate number of technical professionals	
3	Hydrogen-Related Specialists	Approximate number (if applicable)	
4	Renewable Energy Specialists	Approximate number (PV, BESS, grid)	
5	Infrastructure / Civil Specialists	Approximate number	
6	Electrical & Energy Systems Specialists	Approximate number	
7	Commercial & Financial Modelling Specialists	Approximate number	
8	Environmental / Regulatory Specialists	Approximate number	
9	Typical Project Team Size	Range (e.g. 5–10 personnel)	
10	Resource Deployment Model	Full-time / Part-time / Hybrid	

Table C: Relevant Experience Summary (Optional)

No.	Experience Area	Brief Description of Experience	Respondent Response
1	Green Hydrogen Production Projects	Summary of relevant experience	
2	Hydrogen Refuelling Infrastructure	Summary of relevant experience	
3	Renewable Energy Integration	Summary (PV, BESS, grid, wheeling)	
4	Fuel Cell / Hydrogen Utilisation	Summary of pilot or commercial experience	
5	Concept / Pre-Feasibility Studies	Summary of similar studies undertaken	
6	Mining / Industrial / SEZ Projects	Summary of relevant environments	
7	International Hydrogen Projects	Summary (if applicable)	

Table D: Indicative Reference Projects (Optional)

No.	Project Name / Type	Client / Sector	Role Performed	Study Type	Indicative Scale
1				Concept / PFS / FS	Pilot / Commercial
2				Concept / PFS / FS	Pilot / Commercial
3				Concept / PFS / FS	Pilot / Commercial
4				Concept / PFS / FS	Pilot / Commercial
5				Concept / PFS / FS	Pilot / Commercial
6				Concept / PFS / FS	Pilot / Commercial

NB: Supporting reference letters may be provided where available but are not mandatory.

Table E: Consortium and Partnership Capacity (If Applicable)

No.	Information Category	Description	Respondent Response
1	Proposed Consortium Structure	Brief description	
2	Key Specialist Partners	Discipline covered by partner	
3	OEM / Technology Partner Alignment	Yes / No (brief description)	
4	Local Partner Participation	Yes / No (brief description)	
5	Anticipated Role Allocation	High-level role split	

Important Note

- Information provided in the tables above is non-binding, indicative and provided solely for market-sounding purposes. FTIP will not apply minimum thresholds, scoring, comparative evaluation, or exclusion based on the information submitted in response to this RFI.
- Where provided, company profiles may include background information such as organisational overview, service offerings, sector experience, and illustrative project examples.

3.1. Validity of submitted information

Respondents must ensure that all conditions, documents, and information submitted in response to this RFI remain valid for the period between the award of the RFI and the issuance of the RFP. Where any submitted document expires during this period, an updated and valid document may be provided. The responsibility rests solely with the RFI Respondent to promptly notify FTIP and submit updated information immediately upon any change.

SECTION 4: DECLARATION

I/we, the undersigned, declare that the information furnished is true and correct and warrants that he/she is duly authorised to sign on behalf of the company.

NAME OF RESPONDENT/COMPANY:	
CAPACITY:	
SIGNATURE OF THE RESPONDENT:	
NAME OF COMPANY:	