



**Government of Nepal**  
**Ministry of Agriculture, Forests and Environment**  
Singhadurbar, Kathmandu

## **Call for Concept Details and Modalities For Development of a Commercial Green Urea Production Plant in Nepal**

Ministry of Agriculture, Forests and Environment calls for **Concept Details and Modalities** from eligible companies, joint ventures and consortia to develop a commercial green urea plant in Nepal with a production capacity of approximately 500,000 metric tons per year and with the flexibility to scale up. The plant must cover green hydrogen production, nitrogen production, ammonia synthesis, industrial carbon capture and urea synthesis. Interested applicants may download the Call for Concept Details and Modalities document from the Ministry's website (<https://www.moafe.gov.np/>). Concept Details and Modalities shall be delivered manually or by email ([greenurea@moafe.gov.np](mailto:greenurea@moafe.gov.np)) by 13<sup>th</sup> Mangsir 2083/ 29<sup>th</sup> November 2026 by 17.00 hrs NST.

**Date of publication : 29<sup>th</sup> Ashoj 2083/15<sup>th</sup> October 2026**



Government of Nepal  
Ministry of Agriculture, Forests and Environment  
Singhadurbar, Kathmandu

**Call for Concept Details and Modalities  
For  
*Development of a Commercial Green Urea  
Production Plant in Nepal***

|                |                                                                  |
|----------------|------------------------------------------------------------------|
| Name           | <i>Development of a Commercial Green Urea Production Plant</i>   |
| Office Name    | <i>Ministry of Agriculture, Forests and Environment</i>          |
| Office Address | <i>Singhadurbar, Kathmandu</i>                                   |
| Issued on      | <i>29<sup>th</sup> Ashoj 2083 / 15<sup>th</sup> October 2026</i> |

*[Signature]*

*[Signature]*

**A. Call for Concept Details and Modalities**

**Government of Nepal**  
**Ministry of Agriculture, Forests and Environment**  
Date: 29<sup>th</sup> Ashoj, 2083 / 15<sup>th</sup> October, 2026

Name: Development of a Commercial Green Urea Production Plant in Nepal

1. The **Ministry of Agriculture, Forests and Environment** (the "Ministry") now calls for **Concept Details and Modalities** from eligible companies, joint ventures and consortia to develop a commercial green urea plant.
2. The Government of Nepal's target is to have a green urea plant with a production capacity of approximately 500,000 metric tons per year, with the flexibility to scale up. The plant must cover green hydrogen production, nitrogen production, ammonia synthesis, industrial carbon capture and urea synthesis.
3. Interested applicants may download the Call for Concept Details and Modalities document from the Ministry's website (<https://www.moafe.gov.np/>).
4. Interested applicants may associate with other companies or institutions, including foreign companies, as a joint venture or consortium to strengthen their qualifications.
5. Concept Details and Modalities shall be delivered **manually or by email** ([greenurea@moafe.gov.np](mailto:greenurea@moafe.gov.np)) to the Ministry of Agriculture, Forests and Environment, Singhadurbar, Kathmandu, within 45 days from the date of this notice, i.e., by 13 Mangsir 2083/ 29 November 2026 by 17.00 hrs NST.
6. If the last date falls on a public holiday, the next working day will be the due date.
7. Concept Details and Modalities will be evaluated by the Evaluation Committee to be formed by the Government of Nepal.
8. All costs of preparing Concept Details and Modalities are borne by the applicant. Submission of Concept Details and Modalities creates no obligation on the Ministry, Government of Nepal, or any entity under it.
9. The Ministry reserves the right to accept or reject any or all Concept Details and Modalities, or to cancel or amend this process.

**B. Instructions for Submission of Call for Concept Details and Modalities****1. Who may apply:**

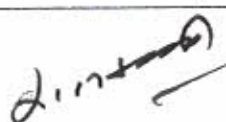
A company registered in Nepal or Abroad, applying alone or with other registered companies or institutions as a joint venture or consortium. The applicant/consortium must:

- (a) have prior experience in green hydrogen, ammonia, urea or related chemical fertiliser production;
- (b) have made a notable, provable contribution to promoting, developing or implementing green energy projects;
- (c) have the technical, financial and managerial capacity to develop, build and operate the project; and

**2. Contents of the Concept Details and Modalities:**

The Concept Details and Modalities must include:

- for a joint venture or consortium, a letter expressing the willingness to apply from each member (role, responsibility, share of investment) and identification of the lead applicant;
- proposed site and its suitability, plant capacity (metric tons/year) and expansion plan;
- estimated needs for renewable electricity (including dry season), water, green hydrogen and CO<sub>2</sub>, and for land and infrastructure;
- estimated capital cost, expected LCOP and the basis of calculation, compared with the Average Landing Price of urea;
- Financial modality showing sources and proportions (grants, concessional loans, GCF and other climate finance, loan guarantees, VGF, green bonds, carbon finance), or full private finance, proposed WACC and expected ROE/ROI;
- break-even quantity (metric tons/year) and break-even price (NPR/metric ton) with assumptions;
- minimum support expected from Government of Nepal (GoN) (land, power supply and power purchase agreement, water use, offtake commitment, tax and customs facilities, guarantees, facilitation of licenses, policy stability), with justification;



- estimated timeline and work plan for selection, DFS/DPR/EIA, financial closure, construction and operation.
- 3. **Forms:** Applicants shall use Forms 1 to 5 provided along with this Call for Concept Details and Modalities. Additional information may be attached.
- 4. **Next steps:** Ministry has the right to decide and communicate the next course of action.
- 5. **Language and signature:** The Concept Details and Modalities shall be in English, with the signature of the authorised representative and/or company stamp on every page; pages without them will not be evaluated.
- 6. **Submission:** Submit one original in a sealed envelope or scanned copy of the original by email marked/subject "CONCEPT DETAILS AND MODALITIES for Development of a Commercial Green Urea Production Plant in Nepal", showing the name and address of the applicant. Late submissions will not be considered.

### C. Brief Description of the Project

#### 1. Background and objective

Nepal imports large quantities of chemical fertiliser every year, and timely supply is essential for agricultural productivity. Nepal also has large hydropower and other renewable energy potential. The objective of this initiative is to gauge the interest of developers to establish a chemical fertiliser plant to reduce import dependence on chemical fertiliser, increase domestic use of clean electricity, and make good-quality green urea available on time, by attracting domestic and foreign investment.

#### 2. Scope and technical basis

The scope of the project will normally include all five of the following steps, using technology, equipment, safety and quality that meet internationally accepted best practice, with environmental management under Nepal's laws:

| S.N. | Process step              | Requirement                                                                                     |
|------|---------------------------|-------------------------------------------------------------------------------------------------|
| 1    | Green hydrogen production | Electrolysis using certified renewable electricity                                              |
| 2    | Nitrogen production       | Nitrogen separated from air                                                                     |
| 3    | Ammonia synthesis         | From green hydrogen and nitrogen                                                                |
| 4    | Industrial carbon capture | CO <sub>2</sub> from eligible industrial, biogenic or other environmentally sustainable sources |
| 5    | Urea synthesis            | Urea with at least 46% $\pm$ 0.2% nitrogen content                                              |

#### 3. Assumed roles of the applicant and the Government

- The applicant takes responsibility for capital, technology, construction, operation and management, and bears the related commercial risk. GoN will provide policy stability, facilitation of approvals and licences.
- Guarantees, minimum purchase, take-or-pay, VGF, concessional power tariff, tax or customs facilities and any other financial commitment may become applicable to GoN if and when an agreement is reached.

#### 4. Deadline

45 days from the publication of this Call for Concept Details and Modalities, i.e., by 13<sup>th</sup> Mangsir 2083/ 29<sup>th</sup> November 2026 by 17.00 hrs NST.

### D. Evaluation of Applications

Concept Details and Modalities that meet the eligibility and completeness test will be evaluated by the Evaluation Committee to be formed by the Government of Nepal.

#### i) Eligibility and completeness test (pass/fail)

| Document / requirement                                                                                                                            | Compliance       |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Registration certificate, and VAT/PAN certificate (each member in case of JV/consortium)                                                          | Submit documents |
| Latest clearance or tax submission certificate                                                                                                    | Submit documents |
| Joint venture / consortium agreement or Letters of Intent from all members; power of attorney to sign the CALL FOR CONCEPT DETAILS AND MODALITIES | Submit documents |
| Forms 1 to 5                                                                                                                                      | Duly filled      |

#### Notes.

- (a) Each page must carry the signature of the authorised representative and the company stamp.

- (b) Experience must be supported by completion certificates showing project name, type, size and value, and date of completion; only completed projects count.
- (c) Information not requested in the forms will not be considered.

For and on behalf of the Ministry of Agriculture, Forests and Environment,

Disclaimer:

*Neither the issuance of this CALL FOR CONCEPT DETAILS AND MODALITIES nor the receipt of any response to it shall be deemed to create an obligation on the part of the Government of Nepal, the Ministry, or any entities under it, to extend financial assistance, enter into any contract, or grant approval to any project.*



**Annex to the Concept Details and Modalities**

In reference to Clause B (3) of the Call for Concept Details and Modalities, the applicants are required to duly fill and submit Forms 1 to 5 within the deadline.

*Form 1. Letter of Application*

*Form 2. Applicant's Information Form*

*Form 3. Experience*

*Form 4. Capacity*

*Form 5. Concept and Finance Modality*

A handwritten signature in black ink, appearing to be 'D. n. + 100' followed by a stylized flourish.A handwritten signature in black ink, appearing to be 'G. n.' followed by a stylized flourish.

**Form 1. Letter of Application**

*(On letterhead of the applicant or lead partner, with the required documents attached.)*

Date: .....

To: Secretary, Ministry of Agriculture, Forests and Environment, Singhadurbar, Kathmandu

1. Being duly authorised to represent and act on behalf of..... ("the Applicant"), and having reviewed all the Call for Concept Details and Modalities information, the undersigned applies to be selected for the Development of a Commercial Green Urea Production Plant in Nepal.
2. Attached are copies of the documents listed in Clauses D (i) and B (2) of the Call for Concept Details and Modalities, including the Applicant's legal status and principal place of business, and (for a partnership, joint venture or consortium) the expression of willingness to apply of every member.
3. The Ministry may verify all statements and may contact any signatory. All communication should be sent to:  
Person:  
Company:  
Address:  
Phone:  
Email:
4. We declare that we have no conflict of interest, have not been punished for an offence relating to our profession or business.
5. We understand that submitting this Concept Details and Modalities creates no right to selection, or any obligation whatsoever for the Government of Nepal or any entities under it.
6. The statements and information in this application are complete, true and correct in every detail.

Signed: .....

Name and designation: .....

For and on behalf of: .....

Stamp:



**Form 2. Applicant's Information Form**

*(Separately for each member of a partnership, joint venture or consortium, as per Clause B(2) of Call for Concept Details and Modalities)*

| Item                                                                                              | Details |
|---------------------------------------------------------------------------------------------------|---------|
| Name of firm / company                                                                            |         |
| Type of constitution (Pvt. Ltd / Public Ltd / other) and date of registration                     |         |
| Country of registration; registered office                                                        |         |
| VAT/PAN number (Nepalese applicant/member) or equivalent registration/tax number (foreign member) |         |
| Telephone, e-mail                                                                                 |         |
| Authorised contact person, designation, phone                                                     |         |
| Role in the group (lead / member) and share of investment (%)                                     |         |
| Total staff; professional staff                                                                   |         |

*(Attach company profile describing background and organisation of the applicant and each partner.)*



### Form 3. Experience

| S.N. | Name of project / assignment | Client; location | Value of contract | Year completed/ Ongoing | Description of work carried out, capacity and role of applicant |
|------|------------------------------|------------------|-------------------|-------------------------|-----------------------------------------------------------------|
| 1    |                              |                  |                   |                         |                                                                 |
| 2    |                              |                  |                   |                         |                                                                 |
| 3    |                              |                  |                   |                         |                                                                 |

*(Any completed or ongoing projects may be submitted. Attach completion certificates, award certificates showing project name, type, size and value, and date of completion.)*



#### Form 4. Capacity

*(Separately for each member)*

##### 4A. Annual turnover (NPR million), last five fiscal years

| Fiscal year | Turnover (NPR million) |
|-------------|------------------------|
|             |                        |
|             |                        |
|             |                        |
|             |                        |
|             |                        |

Average annual turnover of the best 3 years: .....

*(Attach audited statements.)*

##### 4B. Technical and managerial capacity

| S.N. | Name / organisation | Role | Qualification / experience (years) | Relevant green hydrogen / ammonia / urea experience |
|------|---------------------|------|------------------------------------|-----------------------------------------------------|
| 1    |                     |      |                                    |                                                     |
| 2    |                     |      |                                    |                                                     |
| 3    |                     |      |                                    |                                                     |

*(Attach a CV of relevant personnel or company profile for each entity listed. For a joint venture or consortium, each member entity completes its own 4B.)*

**Form 5. Concept and Finance Modality**

| Item                                                                                                                       | Applicant's response |
|----------------------------------------------------------------------------------------------------------------------------|----------------------|
| Proposed site and suitability                                                                                              |                      |
| Plant capacity (metric tons urea/year); expansion plan                                                                     |                      |
| Renewable electricity (MW / GWh; dry-season need), water, green hydrogen and CO <sub>2</sub> needs; CO <sub>2</sub> source |                      |
| Land and infrastructure needs                                                                                              |                      |
| Estimated capital cost (NPR/USD)                                                                                           |                      |
| LCOP (NPR/metric ton) and basis; Average Landing Price used for comparison                                                 |                      |
| Proposed WACC; expected ROE/ROI                                                                                            |                      |
| Break-even quantity (MT/year) and break-even price (NPR/MT); assumptions                                                   |                      |
| Finance Modality                                                                                                           |                      |
| Minimum support sought from Government of Nepal, with justification                                                        |                      |
| Approximate Timeline: DFS/DPR/EIA, financial closure, construction, commercial operation                                   |                      |

*[Signature]*

*[Signature]*