 

EVN-#TeamEurope Energy Transition Facility

**Short term Expertise on**

**Identification of a power transmission investment program in Vietnam**

**Terms of Reference (TOR)**

**July 2025**

# Background and Rationale

On December 14th 2022, leaders from Vietnam and the International Partners Group, including the European Union, the United Kingdom, France, Germany, the United States, Italy, Canada, Japan, Norway and Denmark have agreed a bold Just Energy Transition Partnership (JETP), launching a new dynamic for the power sector; the short deadline (2030) envisaged for the main objectives (in particular 47% RE in the power generation) requires a strong acceleration in deploying investments that can support this transition (renewable energy, storage systems, distribution and transmission grid).

The transformation in the electricity sector is a crucial integral part of the energy transition in Vietnam. As a matter of fact, the public utility Electricity of Vietnam (EVN), which controls approx. 37% of the country’s installed capacity (2023), will play a key role in this energy transition process. In 2023, as a part of EU’s commitment to implement JETP and in order to support EVN to accomplish JETP’s target, the European Union has agreed on a grant of EUR 16M for Electricity in Vietnam\_Team Europe Energy Transition Facility (“ETEF”), and thereby, delegated the funds to AFD to manage the facility.

In the end of 2024, the Government of Vietnam adjusted economic development target for 2025 and 2026-2030 period. Accordingly, the GDP targets to reach minimum 8% in 2025 and double digit for 2026-2030 period. To meet the economic development scenarios, the PDP8 has been revised in the direction to increase power generation and grid expansion. New objectives, in terms of renewable energy has been strongly increased by more 50 GW generation capacity, including 33.6 GW solar, 4.2 GW onshore wind, 4 GW hydropower, 9.7 GW battery storage, and others (base-case scenario). As the result, the total required investment in the 2026-2030 is approx. 136.3 billion USD for power generation and grid, which is averaged at about 27.2 billion USD each year (23.6 billion USD for generation sources and 3.6 billion USD for the grid), almost doubling current PDP8 (before revision) yearly investment targets.

Under technical assistance support of ETEF and blending approach, two generation projects (Bac Ai PSHP, Tri An Hydropower Extension) were approved as eligible projects for financing from European DFIs. While power generation is mostly financed by the private sector, the investment in transmission network is solely done by public sector (EVN group). According to the Revised PDP8, about 250,000 MVA transmission substation capacity and 35,000km of transmission lines will be invested during 2025 – 2030 period, which is a total number of more than 1000 substation and transmission line projects.

Given the large number of projects and of the substantial investment required over the 5-year period, it is challenging for the potential financiers to identify and select eligible projects for financing.

Therefore, a short-term expertise service will be mobilized under ETEF to review the investment plan for the power transmission sector outlined in the revised PDP8 and its implementation plan, with a particular focus on EVN group’s investment program, in order to support potential lenders to identify suitable transmission projects for financing during the 2025-2030 period. This review should include information from Decision No. 1509/QĐ-BCT dated 30 May 2025, which distinguishes between state-funded and socialized transmission projects.

# Objective

The primary objective of this short-term expertise is to identify a pipeline of power transmission projects (including SS, TL or other relevant projects) eligible for EDFIs financing in near future (2026-2027) and during the 2026-2030 period or beyond.

# Scope of work of the consultancy

**Overall tasks:** the consultant (a local consulting firm) will review available planning documents and information related to investment of Vietnam’s transmission network as outlined in EVNNPT’s investment plan, the revised PDP8 and its associated implementation plan. The consultant will conduct meetings with relevant authorities and companies (EVN, EVNNPT, NSMO etc…) to validate needs and timelines. Consequently, the consultant will screen identified projects based on criteria defined in collaboration with stakeholders, with an aim to establishing a final list of transmission projects eligible for financing by European Development Financial Institutions.

**Specific tasks:**

## Task 1: Collect information on the power transmission investment plan

* The Consultant will collect and review information from EVNNPT’s investment plan for the period 2026-2030, revised PDP8 and its associated implementation plan related to the power transmission sector, including regional interconnections, with a particular focus on EVN group’s investment plan.
* The following points should be considered during the review:
* Nature of infrastructure (e.g. substation -AIS/GIS - , transmission line, etc…)
* Type of investment (e.g., new construction, upgrade, extension, refurbishment,…)
* Purpose, rationale and justification of the infrastructure;
* Grouping of related projects (e.g., substation and associated transmission lines serving the same objective);
* Integration of EVNNPT’s investment plan vs. PDP8 revised
* Implementation schedule (expected start of work and commissioning dates)
* Estimated budget, including identification of components/packages potentially covered under a standard/typical procurement plan (if available);
* Project location (with mapping, number and names of provinces involved, and/or cross-border elements)
* PMB in charge of the investment

## Task 2: screening of subprojects

* Based on the data collected from Task1, existing documentation and discussion with stakeholders, the Consultant will propose a list of potential projects (including associated infrastructure, if required) based on specific criteria (to be defined with stakeholders), mainly:
* Foreseen E&S impacts : impact on biodiversity, impacts on local communities (resettlement, minorities,…), land acquisition, protected area;
* Technical: transmission capacity, network synchronization, maximization of renewable integration, energy losses reduction, reinforcement of security, innovative criteria;
* Climate co-benefits (excluding direct connection to fossil fuel-fired plans and promoting renewable energy, energy saving, involvment of SF6 GIS);
* Financial and economic: Project cost, co-financing potential, project efficiency;
* Project maturity and readiness for implementation (availability of FS, existing E&S studies, technical design, funding arrangement …, necessity for additional technical assistance);
* Grouping projects with similar timelines and project management units to maximize loan efficiency; and
* Digital transformation capabilities should also be included as part of selection criteria to encourage the adoption of new technologies;

It is not part of the short term expertise to complete studies (Environmental and social impacts assessment (ESIA), carbon footprint,..) on these criteria.

* Establish a first financing batch to cover approx. 800 million EUR investment and a first schedule of program delivery.

# Expected Methodology and Process

## Methodology

1. Desk study: this is the major method to review all relevant documents.
2. Meeting with relevant authorities and EVNNPT: the purpose is to confirm the needs and concrete plan of selected pipeline projects.
3. Site visit (optional): the consultant may be requested to visit the site of selective projects for verification of information and maturity of the projects.

## Process

1. Collect all relevant documents and prepare **inception report, including excel file with all relevant projects as output of Task1**;
2. Set up screening criteria with stakeholders;
3. Conduct preliminary selection based on screening criteria, present the results of Task 2 to stakeholders and prepare **intermediary report** that include an indicative list of relevant projects grouped into coherent clusters (for instance, TLs associated with specific substations);
4. Assess maturity of each project and identify potential needs for further preliminary evaluations or Technical Assistance (TA) of projects;
5. Establish financing batches to cover investment and schedule of program delivery and prepare **final report.**

# Tentative mobilization plan, budget and deliverables:

## Tentative mobilization plan

The consultant is expected to start the work from August 2025 for a period of 3 months.

## Payment modalities

Payment will be made after final completion of services.

## Expected Deliverables and Timeline

|  |  |  |  |
| --- | --- | --- | --- |
| **Task** | **Type of deliverable** | **Draft** | **Final** |
| Task 1 | Inception Report | N/A | 4 weeks after commencement of the service |
| Task 2 | Presentation to stakeholders and Intermediary Report | 8 weeks after commencement of the service | 2 week after the submission of Draft Intermediary Report |
| Final Report | 2 weeks after intermediary report approval | 1 week after the submission of Draft Final Report |

# Required qualification

## ****Relevant experience of the Consulting Firm****

* Recognized expertise on transmission infrastructures design and planning;
* Ability/familiarity in new technologies and digital transformation components of the power transmission and distribution sector;
* Experience in renewable energy systems and their impact on the grid stability;
* Knowledge of E&S international and Vietnamese standards, and experience in assessing E&S impacts, in particular for transmission infrastructures;
* Proficiency in communication and stakeholder engagement, with the ability to work effectively and directly with NSMO, EVN, EVNNPT and other relevant authorities;
* Familiarity with international development partners and their standards;
* Experience in Vietnam.

The consulting firm will demonstrate its experience on the vietnamese power transmission sector based on concrete list of realisations.

Joint ventures and collaboration between international consultants and local transmission specialized companies is recommended.

## ****Experts profile****

* The matrix of costs present a list of experts, provided on an indicative basis; the candidate may propose a different experts team.

# Fee Cap and Cost Management

The Consultant shall submit a financial proposal on a lump sum basis indicating a total capped budget. The overall maximum amount for both tasks shall include all taxes, in particular VAT in Vietnam if relevant. The Consultant will provide a detailed unit price for each expert (cost for man / day) to be mobilized.

In case of activation of the optional tranche “site visit”, the costs to be applied (transportation, per diems,…) will be the ones defined in the EU-UN cost norms for Vietnam : [EU-UN Cost Norms 2022 | EEAS](https://www.eeas.europa.eu/delegations/vietnam/eu-un-cost-norms-2022_en?s=184)

The budget for the optional tranche will be less than 25kEuros.

# Conflict of interest

The Consultant must declare any actual or potential conflict of interest in advising EVN in connection with the financiers and their legal counsels. EVN reserves the right to reject any proposal if such conflicts are identified and deemed prejudicial to the impartiality of the legal advisory work.

# Additional information

### Working and communication language

All communication, deliverables and presentations will be in English.

Discussion with local stakeholders and EVNNPT documentation will be in vietnamese. If needed, the Consultant will include in its proposal the cost of translation/interpretation.

### Non Disclosure Agreement

**If necessary, a Non Disclosure Agreement** document (hereunder attached) could be signed between the consultant and EVNNPT.

This study will be financed and managed in the framework of ETEF Facility (see hereunder).

EU visibility shall be insured on all deliverables. Appropriate logos will be provided at the beginning of the assignement and shall be placed on the front page of each report and presentation.

**–**

*The European Union has delegated EUR 16 million to the Agence Française de Développement (AFD) as part of the implementation of the EVN\_Team Europe Energy Transition Facility in Vietnam (the Facility or ETEF) in order to accelerate the energy transition, providing technical assistance to Electricity of Viet Nam (EVN) in the development and implementation of strategic investment projects toward low carbon energy transition.*

**NON DISCLOSURE AGREEMENT**

BETWEEN

**VIETNAM ELECTRICITY (EVN) / EVN’s subsidiaries/departments/PMBs**

AND

**THE {...Name of Service Provider...} (the Name of Service Provider)**

**INTERPRETATION**

The intent of this agreement is to protect the confidential information the parties are planning to share with a view to conducting activities that fall under the technical cooperation between the parties.

This is intended to be a simple unintimidating document the purpose of which is to bring the parties closer to the technical cooperation between them regarding the study mentioned below (as opposed to creating obligations).

It is recommended that the parties' intentions be set out as clearly as possible.

To this end the parties have agreed to disclose certain confidential information to each other and wish to protect this confidential information from public disclosure or unlawful use.

In this agreement a reference to ‘person” shall, unless the context otherwise indicates or requires, include a juristic or artificial person, including, without limitation, a firm, company, voluntary association, or partnership.

**PREAMBLE**

The purpose of this Non-Disclosure Agreement ("NDA") is to define the basis of the technical cooperation between the Parties in matters relating to **{…..Name of study/service…..}** for xxxxx project of EVN.

The Parties wish to sign this NDA in order to guide their cooperation.

**DEFINITIONS**

The following words have the meanings set out next to them:

**"Confidential Information"** means all the information disclosed by the parties. Confidential information includes information in any form, such as written documents, records or electronic data;

**"Disclosing Party"** means the Party which discloses Confidential Information to the other Party;

**"NDA"** means this Non-Disclosure Agreement including all annexures, schedules and addenda to be attached hereto;

**"Parties"** means VIETNAM ELECTRICITY (EVN) / EVN’s subsidiaries/departments/PMBs and the **{…Name of service provider...}** (the name of service provider);

**"Receiving Party"** means the Party that receives Confidential Information;

**"Effective Date"** means the date on which this NDA is signed by all the Parties;

**"Third Party"** means any individual, corporation, association, governmental entity, or other entity, which is not a Party.

**NATURE OF BUSINESS RELATIONSHIP**

The Parties enter into this NDA as independent entities and nothing contained in this NDA shall be construed as establishing a partnership or joint venture between the Parties, nor may any Party profess to represent the other Party in an agency capacity, save with the written consent of the other Party.

There is no joint and several liabilities on the part of any Party and each Party shall be liable only for those obligations specifically accepted by it.

**{…..Name of study/service…..} (the Project)**

Immediately after the Effective Date of this NDA, the Parties shall commence sharing information, and actually start the **{…..Name of study/service…..}** of xxxxx project of EVN and its related activities.

The Parties intend that the project shall be completed within xx months. Each Party shall use reasonable endeavors to:

* Give the other Parties all necessary assistance in providing data and information required for the Project; and
* Procure that access to all information and facilities as part of this project that the other Parties may reasonably require is made available.

**NON-DISCLOSURE**

In this agreement, CONFIDENTIAL INFORMATION shall include but is not limited to:

* Know-how, ideas, trade secrets, plans, diagrams, drawings, designs and processes, including material compositions, formulas, specifications, client lists and details; or
* Any written information which is labelled “confidential” or “proprietary” before it is disclosed to the Receiving party; or
* Any oral information, which is preceded by a statement that it is intended to be confidential and is later reduced to writing by the Disclosing party and delivered to the Receiving party within 30 days of oral disclosure.

None of the Parties shall disclose any CONFIDENTIAL INFORMATION to any person or a Third Party, without the prior written consent of the Disclosing party and shall not use any CONFIDENTIAL INFORMATION for any purpose other than the purpose envisaged in this agreement.

The obligations undertaken by the Parties under this agreement shall endure notwithstanding the termination of this agreement, or notwithstanding that the Parties or any one of them decide at any time, whether before or after commencement of this agreement, not to pursue their or its rights of investigation under this agreement.

The Parties undertake to restrict access to the Confidential information only to those of its employees who need to access it to carry out the project, undertaking that such employees comply with the commitments of confidentiality set out in this agreement.

The disclosure or use of any CONFIDENTIAL INFORMATION shall not constitute or be construed as evidence of any implied license, or other transfer of rights in respect of that CONFIDENTIAL INFORMATION, and the Receiving party acknowledges that it does and shall acquire no rights of whatsoever nature in any CONFIDENTIAL INFORMATION made available to it by the Disclosing party.

To the extent necessary to protect the Disclosing party’s rights, the Receiving party will on the written receipt of the Disclosing party, enter into written agreement with its employees, servants and agents, sufficient to enable it to comply with all the terms of this agreement.

Notwithstanding anything to the contrary in this agreement, the expression CONFIDENTIAL INFORMATION shall not include information: -

* Which becomes publicly available through no fault of the Receiving party;
* Which is later released by the Disclosing party in writing;
* Which is lawfully obtained from third parties without restriction;
* Which can be shown to have been known by the Receiving party prior to its receipt of the CONFIDENTIAL INFORMATION or developed by the Receiving party without reference to the CONFIDENTIAL INFORMATION.
* Which is disclosed by a Party further to a legal obligation, an administrative or legal injunction or for the needs of establishing its rights in the context of a dispute

The above exceptions shall not be interpreted by the Receiving party as justification to disregard the obligations of confidentiality set forth in this agreement merely because individual portions of the CONFIDENTIAL INFORMATION may be found to be within the exceptions or because the CONFIDENTIAL INFORMATION is implied by but not specifically disclosed in information falling within the exceptions.

The Receiving party will not use or exploit CONFIDENTIAL INFORMATION for its own benefit or that of any Third party and may make only such use of the CONFIDENTIAL INFORMATION as is contemplated by this agreement or specifically authorized by the Disclosing party in writing.

**PUBLICATION**

No Party may publish or publically disclose the contents or intent of this NDA without the prior written consent of the other Party.

**TERM AND TERMINATION**

Unless terminated in accordance with clauses below, this NDA shall be effective from the Effective Date and is concluded for a period of xx months. These obligations will remain in force during a period of two years, starting from the date of termination.

This NDA may be also be terminated: -

* At any time by an agreement in writing and signed by the Parties;
* By any Party giving 20 (twenty) days' written notice to the other Parties at any time.

When this NDA is terminated then unless agreed otherwise in writing all Confidential information provided in terms of clause (in whatever form) is to be immediately returned to the Disclosing Party.

The termination of this NDA in terms of this clause will not affect the continued obligations relating to the Confidential Information provided for in clause above unless otherwise agreed in writing and signed by the Parties.

**DISPUTES**

Any dispute arising between the Parties concerning in particular the execution, validity or construction of this agreement (or any of its articles) and which the Parties are unable to resolve amicably shall be settled by the arbitration court in Singapore.

**NOTICES**

This agreement is a document serving for the purpose of implementing the Contract No. {…Contract Number…} signed on dd/mm/yyyy between AFD and {…the Name of Service Provider…}.

No notice or other communication under this NDA shall be effective unless it is given in writing to the receiving Party (whether by email or personal delivery) at the relevant address indicated below:

**VIETNAM ELECTRICITY (EVN)** / EVN’s subsidiaries/departments/PMBs

Address:

Tel:

e-mail:

Attention:

**{…the Name of Service Provider…}**

Address:

Tel:

e-mail:

Attention:

**GENERAL**

This Agreement contains the entire agreement between the Parties concerning its subject matter. No Party will be bound by any express or implied term, undertaking, representation, warranty, promise nor the like not included or recorded in this Agreement.

No variation, amendment, modification or waiver of any provision of this NDA or of any right, power or remedy conferred by this NDA shall be effective unless made expressly and in writing and signed by the Parties.

No waiver of any breach of any provision of this NDA shall (a) be considered to be a waiver of any subsequent or continuing breach of that provision; or (b) release, discharge or prejudice the right of the waiving Party to require strict performance by the other Parties of any other provisions of this NDA.

**THIS AGREEMENT SHALL -**

Be effective on the date of signature by all the Parties; and

The signatories underneath warrants that they are duly authorized hereto.

**For** **VIETNAM ELECTRICITY (EVN)** EVN’s subsidiaries/departments/PMBs

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Name: Date

Position:

**For** **{…the Name of Service Provider…}**

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Name: Date

Position: